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MONTANA VITAL STATISTICS

state department
of health and
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1979

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MONTANA

VITAL STATISTICS

1979

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Governor of Montana

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March, 1982

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SYMBOLS USED IN THIS REPORT

Quantity is zero in frequency tables (one dash)	-
Rate or percent is less than or equal to 0.05	0.0
Data not available or not applicable (three dashes)	---

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INTRODUCTION

He that judges without informing himself to the utmost that he is capable cannot acquit himself of judging amiss. - John Locke, An Essay Concerning Human Understanding (1690)

This report is designed to provide a ready reference to some of the more frequently used vital statistics for Montana. Since the report is primarily intended for reference, little space has been devoted to analysis and interpretation of the data. Where space permits, 1979 data are accompanied by figures for the previous year or years so that comparisons may be made. Only information of general interest is published here. In most cases, more detailed data are available upon request.

Records collected by the Montana Department of Health and Environmental Sciences provide the basis for the tabulations in this report. These records include certificates of birth, death, and fetal death (stillbirth) and transcripts showing information on marriage, marital dissolutions, morbidity, and legally induced abortion.

LIMITATIONS OF THESE DATA

Delay in Filing

This report includes all 1979 vital records received before May 15, 1980. The number of records received after this date is so small that in most instances, it is of little consequence.

Geographic Allocation

Births and deaths may be tabulated by place of occurrence or by place of residence. For deaths, the place of residence is the usual residence of the decendent. For births, the place of residence of the child is the same as the mother's.

Residence data are tabulated by using a system of exchange of certificates with other states and the provinces of Canada. Titles of tables in this report indicate whether the data are shown by residence or occurrence.

Medical Certification

Causes of death reported on death certificates are classified according to the Ninth Revision of the International

Classification of Diseases (I.C.D.). The objective of the coding procedures used in this classification is to state as the cause of death the condition the attending physician or coroner considered to be the underlying cause.

The medical certification section of the Montana Death Certificate asks for information on the casual and chronological sequence of events leading to death. It consists of two parts with space for indicating the interval between onset and death for each condition. Part I is used for reporting the causes leading directly to death. Part II is for reporting any other important diseases or conditions that influenced the course of the illness unfavorably, thus contributing to the fatal outcome but which were not related to the disease or condition reported as the immediate cause of death. To illustrate, a medical certification might read as follows:

Part I. Death was caused by:
Immediate cause (a) postoperative bronchial pneumonia
Due to (b) lobectomy
Due to (c) primary cancer of lung

Part II.
Hypertensive cardiovascular disease

This death would be assigned to I.C.D. rubric 162.9 (malignant neoplasm of bronchus and lung).

Deaths are classified in this way whenever possible. However, exceptions must be made when the underlying cause is not apparent from the certification and when clarification cannot be secured. In these instances, a system of rules is applied to select the probable underlying cause.

Race

It is difficult to tabulate vital events by race when the persons under question are of mixed blood. The statement of race on the certificates usually reflects the opinion of the informant and does not follow any prescribed rules for the reporting of race. For the most part, racial data in this report are shown simply as "white" and "other", this minimizes confusion with concepts of nationality, country of origin of parents, or other characteristics. In the racial classification used, white includes "Mexican."

Legitimacy

The Montana Certificate of Live Birth does not contain an item regarding the legitimacy of the child. The rules of the Montana Department of Health and Environmental Sciences require: "If the mother was not married at the time of

birth, and had not been married within ten months of the birth the name of the father must not be entered on the certificate of birth unless accompanied by the written consent of both the mother and the father."

Births are inferred to be illegitimate if information regarding the father is omitted. They are also classified as out-of-wedlock if they are accompanied by the required affidavits when information regarding the father is shown. Individual consideration is given certificates where the surname used in the mother's signature does not agree with the surname of the father.

Limitations of Small Numbers

The occurrence of events recorded in this publication is subject to chance variation. For example, an infant death at 11:59 P.M. on December 31 would be counted in one year, however, if the infant lived only two minutes longer and died at 12:01, the death would be counted in the following year. This phenomenon is not of great importance for counties with substantial populations since the relative number of infant deaths will not be greatly affected by one event. In the case of counties with small populations, the occurrence of even one event may produce a rate which is well above the average for the state.

When the number of events is displayed, the occurrence of small numbers is obvious. However, when rates or percentages are shown, the fact that they may be based on small numbers of events may not be immediately apparent.

In some instances an attempt is made to ameliorate the problem by adding data together for several years (for example, the five-year infant mortality rates shown in Table 13). However, use of multiyear rates in these tables has been limited because such rates often conceal changes in trends within the period under scrutiny.

Population Estimates

County population estimates are provided by the Bureau of Business and Economic Research of the University of Montana. These estimates are produced in cooperation with the United States Bureau of the Census.

Definitions

Following are definitions of selected terms as they are used in this publication:

ABORTION - A legal act or operation intended to terminate a pregnancy without live birth, which is reported to the Department.

CRUDE BIRTH RATE - relates the number of live births to the total population. It is computed as follows:

$$\text{Annual crude birth rate} = \frac{\text{Annual number of live births}}{\text{Midyear population}} \times 1{,}000$$

CRUDE DEATH RATE - relates the number of deaths to the total population. It is computed as follows:

$$\text{Annual crude death rate} = \frac{\text{Annual number of deaths}}{\text{Midyear population}} \times 1{,}000$$

FERTILITY RATE - relates total births to an approximation of the population exposed to risk. The denominator is limited to women in the main childbearing ages. It is computed as follows:

$$\text{Annual general fertility rate} = \frac{\text{Annual number of live births}}{\text{Midyear population of women 15 - 44 years of age}} \times 1{,}000$$

FETAL DEATH - the birth of a fetus after 20 weeks of gestation which shows no evidence of life after complete birth (this is, no action of the heart, breathing, or movement of voluntary muscles).

FETAL MORTALITY RATIO - relates fetal deaths to live births. It is computed as follows:

$$\text{Annual fetal mortality ratio} = \frac{\text{Annual number of fetal deaths}}{\text{Annual number of live births}} \times 1{,}000$$

FIVE-YEAR INFANT MORTALITY RATE - relates the number of deaths under 1 year of age to the number of live births. It is calculated as follows:

$$\text{Five-year infant mortality rate} = \frac{\text{Number of deaths under 1 year of age over a five-year period}}{\text{Number of live births over the same five-year period}} \times 1{,}000$$

ILLEGITIMACY RATIO - relates out-of-wedlock live births to total live births. It is computed as follows:

$$\text{Annual illegitimacy ratio} = \frac{\text{Annual number of illegitimate live births}}{\text{Annual number of all live births}} \times 1{,}000$$

INFANT DEATH - the death of a person under 1 year of age.

LIVE BIRTH - birth of a child who shows evidence of life after complete birth. Evidence of life includes heart action, breathing, or movement of voluntary muscles.

MATERNAL MORTALITY RATE - measures the risk of death from deliveries and complications of pregnancy, childbirth, and the puerperium. It is computed as follows:

$$\text{Annual maternal mortality rate} = \frac{\text{Annual number of deaths attributed to maternal conditions}}{\text{Annual number of live births}} \times 100{,}000$$

NATURAL INCREASE - is the excess of births over deaths among residents of an area. The rate shown per 1,000 population in the area.

$$\text{Annual rate of natural increase} = \frac{\text{Annual number of live births minus annual number of deaths}}{\text{Population of area}} \times 1{,}000$$

NEONATAL DEATH - the death of an infant under 28 days of age.

OCCURRENCE - where an event takes place regardless of the usual residence of the person involved.

PERINATAL DEATHS - are those occurring around the time of birth. They are made up of the sum of registered fetal deaths and neonatal deaths.

PERINATAL MORTALITY RATE - relates the number of fetal deaths plus neonatal deaths to the number of deliveries (fetal deaths plus live births). It is calculated as follows:

$$\text{Perinatal Mortality Rate} = \frac{\text{Annual number of fetal deaths plus neonatal deaths}}{\text{Annual number of fetal deaths plus live births}} \times 1{,}000$$

PREMATURE (IMMATURE) INFANT - a live born infant with a birth weight of five (5) pounds eight (8) ounces (2,500) grams or less.

RESIDENCE - for deaths, this refers to the usual residence of the decedent. For births and fetal deaths, it refers to the usual residence of the mother.

CHART 1

MONTANA

GOVERNOR'S PLANNING REGIONS

1 – Eastern
2 – North Central
3 – South Central
4 – Southwestern
5 – Northwestern

GENERAL

POPULATION

HISTORICAL

RESIDENCE

OCCURRENCE

RACE

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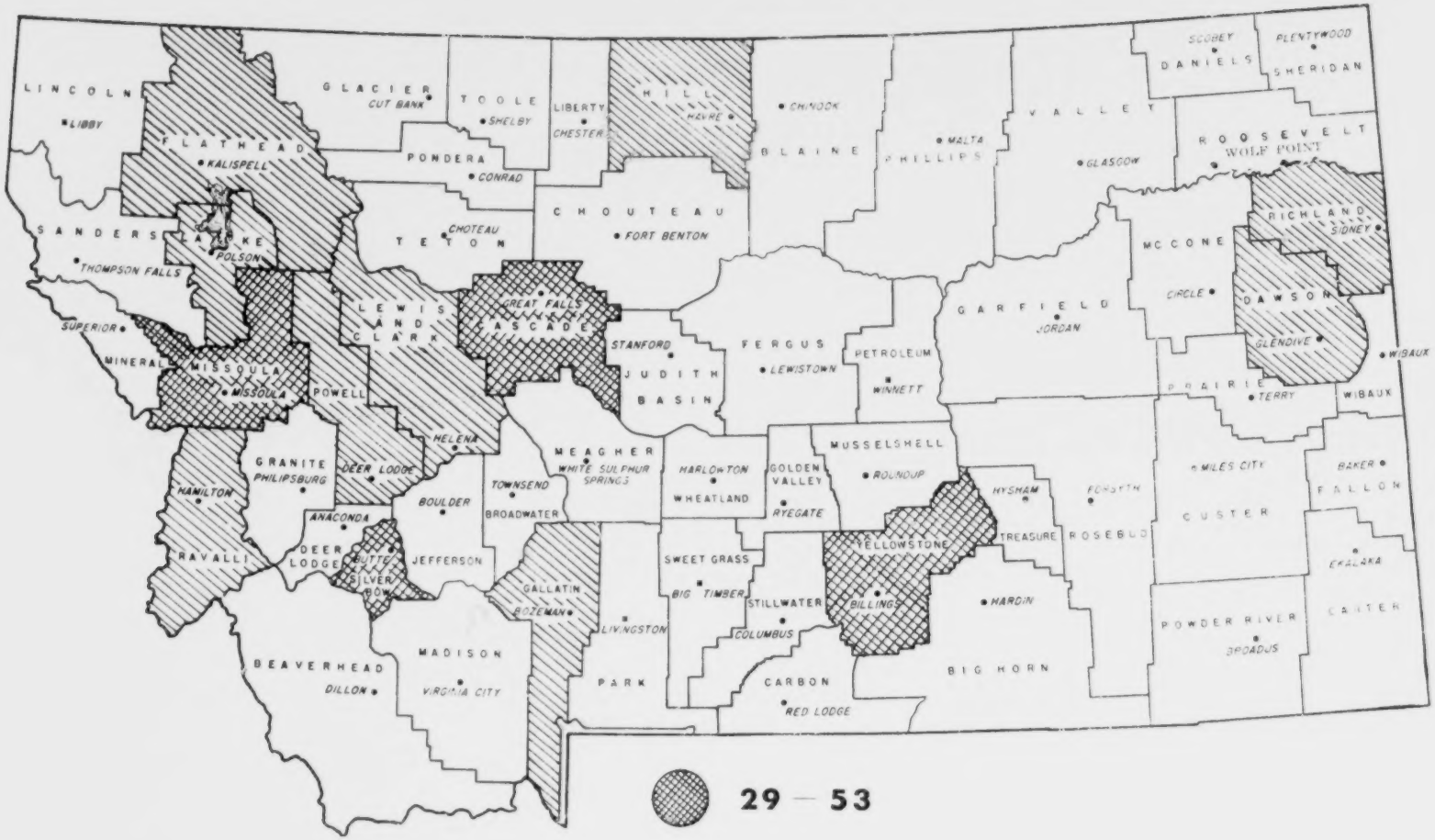
CHART 2

Population Density
(persons per square mile)



MONTANA, 1979

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TABLE 1

DEATHS, LIVE BIRTHS, FETAL, INFANT, AND MATERNAL DEATHS

MONTANA, 1910-1979

DEATHS EXCLUSIVE OF FETAL DEATHS. DATA FOR 1910-1945 ARE BY PLACE OF OCCURRENCE.
DATA FOR 1946-1979 ARE BY PLACE OF RESIDENCE.

YEAR	ESTIMATED MIDYEAR POPULATION	DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		MATERNAL DEATHS	
		NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATIO**	NUMBER	RATE**	NUMBER	RATE***
1910	376,053	3,999	10.6	6,124	16.3	---	---	714	116.6	62	1012.4
1915	468,067	5,072	10.8	11,132	23.8	---	---	816	73.3	91	817.5
1920	548,339	5,289	9.6	11,862	21.6	---	---	862	72.7	104	876.7
1925	542,834	5,188	9.6	10,302	19.0	343	33.3	726	70.5	83	805.7
1926	541,733	5,395	10.0	10,008	18.5	313	31.3	757	75.6	79	789.4
1927	540,632	5,342	9.9	9,875	18.3	314	31.8	651	65.9	65	658.2
1928	539,531	5,780	10.7	10,072	18.7	341	33.9	612	60.8	75	744.6
1929	538,430	5,748	10.7	10,080	18.7	290	28.8	640	63.5	84	833.3
1930	537,606	5,435	10.1	10,004	18.6	286	28.6	569	56.9	67	669.7
1931	540,337	5,280	9.8	9,638	17.8	309	32.1	583	60.5	70	726.3
1932	542,522	5,294	9.8	9,091	16.8	254	27.9	467	51.4	60	660.0
1933	544,707	5,212	9.6	8,953	16.4	235	26.2	461	51.5	51	569.6
1934	546,892	5,617	10.3	9,949	18.2	244	24.5	532	53.5	57	572.9
1935	549,077	6,291	11.5	10,029	18.3	232	23.1	602	60.0	52	518.5
1936	551,262	6,255	11.3	10,400	18.9	227	21.8	593	57.0	57	548.1
1937	553,447	6,128	11.1	10,248	18.5	232	22.6	518	50.5	38	370.8
1938	555,632	5,684	10.2	10,673	19.2	250	23.4	486	45.5	35	327.9
1939	557,817	5,901	10.6	10,897	19.5	212	19.5	534	49.0	35	321.2
1940	559,456	5,722	10.2	11,468	20.5	216	18.8	527	46.0	39	340.1
1941	530,000	5,673	10.7	11,545	21.8	227	19.7	438	37.9	21	181.9
1942	500,000	5,516	11.0	11,735	23.5	207	17.6	395	33.7	26	221.6
1943	470,033	5,601	11.9	11,407	24.3	212	18.6	442	38.7	20	175.3
1944	487,300	5,662	11.6	10,943	22.5	184	16.8	395	36.1	16	146.2
1945	504,600	5,414	10.7	10,601	21.0	184	17.4	363	34.2	17	160.4
1946	521,900	5,595	10.7	12,858	24.6	224	17.4	448	34.8	18	140.0
1947	539,200	5,760	10.7	15,086	28.0	238	15.8	484	32.1	16	106.1
1948	556,500	5,884	10.6	15,035	27.0	236	15.7	461	30.7	14	93.1
1949	573,800	5,878	10.2	15,366	26.8	231	15.0	457	29.7	14	91.1
1950	591,024	5,817	9.8	15,592	26.4	233	14.9	441	28.3	20	128.3
1951	596,000	5,964	10.0	15,929	26.7	248	15.6	425	26.7	10	62.8
1952	602,000	5,974	9.9	16,479	27.4	253	15.4	448	27.2	8	48.5
1953	616,000	6,125	9.9	16,596	26.9	232	14.0	480	28.9	3	18.1
1954	624,000	6,030	9.7	17,276	27.7	247	14.3	398	23.0	5	28.9
1955	636,000	6,115	9.6	17,454	27.4	221	12.7	433	24.8	5	28.6
1956	656,000	6,450	9.8	17,703	27.0	239	13.5	495	28.0	2	11.3
1957	667,000	6,486	9.7	18,219	27.3	224	12.3	462	25.4	5	27.4
1958	666,000	6,265	9.4	17,275	25.9	233	13.5	444	25.7	3	17.4
1959	669,000	6,570	9.8	17,646	26.4	223	12.6	431	24.4	3	17.0
1960	674,767	6,525	9.7	17,448	25.9	190	10.9	435	24.9	5	28.7
1961	682,000	6,338	9.3	17,368	25.5	194	11.2	441	25.4	2	11.5
1962	709,000	6,418	9.1	16,818	24.7	210	12.5	436	25.9	7	41.6
1963	707,000	6,609	9.3	15,934	22.5	194	12.2	383	24.0	2	12.6
1964	705,000	6,851	9.7	15,094	21.4	200	13.3	403	26.7	7	46.4
1965	706,000	6,578	9.3	13,641	19.3	177	13.0	338	24.8	2	14.7
1966	702,000	6,864	9.8	12,623	18.0	140	11.1	286	22.7	3	23.8
1967	701,000	6,549	9.3	12,087	17.2	141	11.7	290	24.0	3	24.8
1968	693,000	6,534	9.4	11,992	17.3	146	12.2	233	19.4	1	8.3
1969	694,000	6,694	9.6	11,762	16.9	132	11.2	246	20.9	1	8.5
1970	694,409	6,597	9.5	12,622	18.2	140	11.1	272	21.5	3	23.8
1971	710,000	6,860	9.7	12,347	17.4	127	10.3	267	21.6	-	0.0
1972	719,000	6,896	9.6	11,444	15.9	129	11.3	225	19.7	4	35.0
1973	721,000	6,870	9.5	11,392	15.8	105	9.2	222	19.5	-	0.0
1974	735,000	6,552	8.9	12,273	16.7	125	10.2	202	16.5	1	8.1
1975	748,000	6,539	8.7	12,070	16.1	112	9.3	187	15.5	3	24.9
1976	753,000	6,733	8.9	12,605	16.7	104	8.3	209	16.6	-	0.0
1977	761,000	6,397	8.4	13,304	17.5	119	8.9	183	13.8	1	7.5
1978	785,000	6,484	8.3	13,545	17.3	110	8.1	155	11.4	3	22.1
1979	786,000	6,471	8.2	14,057	17.9	116	8.3	151	10.7	4	28.5

* PER 1,000 ESTIMATED POPULATION.
** PER 1,000 LIVE BIRTHS.
*** PER 100,000 LIVE BIRTHS.
THE 1940, 1950, 1960, AND 1970 POPULATIONS ARE THOSE ENUMERATED AS OF APRIL 1.

TABLE 2

POPULATIONS

MONTANA COUNTIES, 1970 AND 1979

COUNTY	1979 ESTIMATED POPULATION	1970 CENSUS ENUMERATION	COUNTY	1979 ESTIMATED POPULATION	1970 CENSUS ENUMERATION
MONTANA, TOTAL	786,000	694,409			
BEAVERHEAD	8,400	8,187	MADISON	5,900	5,014
BIG HORN	11,100	10,057	MEAGHER	2,300	2,122
BLAINE	7,400	6,727	MINERAL	3,700	2,958
BROADWATER	3,400	2,526	MISSOULA	69,300	58,263
CARBON	8,500	7,080	MUSSELSHELL	4,600	3,734
CARTER	1,700	1,956	PARK	13,400	11,197
CASCADE	83,400	81,804	PETROLEUM	600	675
CHOUTEAU	6,600	6,473	PHILLIPS	5,400	5,386
CUSTER	13,200	12,174	PONDERA	7,100	6,611
DANIELS	3,100	3,083	POWDER RIVER	2,500	2,862
DAWSON	11,400	11,269	POWELL	7,600	6,660
DEER LODGE	13,100	15,652	PRAIRIE	1,900	1,752
FALLON	3,900	4,050	RAVALLI	22,300	14,409
FERGUS	14,200	12,611	RICHLAND	11,200	9,837
FLATHEAD	51,100	39,460	ROOSEVELT	10,700	10,365
GALLATIN	41,100	32,505	ROSEBUD	9,700	6,032
GARFIELD	1,600	1,796	SANDERS	9,200	7,093
GLACIER	11,600	10,783	SHERIDAN	5,300	5,779
GOLDEN VALLEY	1,100	931	SILVER BOW	38,400	41,981
GRANITE	2,800	2,737	STILLWATER	6,200	4,632
HILL	18,200	17,358	SWEET GRASS	3,300	2,980
JEFFERSON	7,900	5,238	TETON	7,100	6,116
JUDITH BASIN	2,800	2,667	TOOLE	5,400	5,839
LAKE	18,300	14,445	TREASURE	1,100	1,069
LEWIS & CLARK	41,800	33,281	VALLEY	11,500	11,471
LIBERTY	2,500	2,359	WHEATLAND	2,400	2,529
LINCOLN	17,700	18,063	WIBAUX	1,600	1,465
MCCONE	2,800	2,875	YELLOWSTONE	105,300	87,367
			YELLOWSTONE PRK	100	64

TABLE 3

DEATHS, LIVE BIRTHS, FETAL, INFANT AND MATERNAL DEATHS

MONTANA COUNTIES, 1979
BY PLACE OF OCCURRENCE AND BY PLACE OF RESIDENCE. DEATHS EXCLUSIVE OF FETAL DEATHS

COUNTY	DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		MATERNAL DEATHS	
	OCC.	RES.	OCC.	RES.	OCC.	RES.	OCC.	RES.	OCC.	RES.
MONTANA, TOTAL	6,414	6,471	13,800	14,057	117	116	127	151	4	4
BEAVERHEAD	70	66	60	147	2	3	1	3	-	-
BIG HORN	69	86	245	250	1	4	1	3	-	-
BLAINE	34	65	49	146	-	2	1	3	1	1
BROADWATER	23	24	43	59	1	1	-	2	-	-
CARBON	66	98	60	136	1	1	1	3	-	-
CARTER	14	20	6	24	-	-	1	1	-	-
CASCADE	737	658	1,688	1,533	13	8	24	17	-	-
CHOUTEAU	27	47	24	95	1	2	-	1	-	-
CUSTER	176	141	372	216	4	3	1	2	-	-
DANIELS	26	32	50	49	-	-	-	1	-	-
DAWSON	89	88	238	228	2	2	-	2	-	-
DEER LODGE	135	161	85	142	3	3	1	1	-	-
FALLON	23	28	23	64	-	-	-	-	-	-
FERGUS	164	156	269	232	2	2	4	4	-	-
FLATHEAD	429	421	1,043	883	10	9	11	12	-	-
GALLATIN	232	228	815	722	4	2	6	7	-	-
GARFIELD	9	11	9	36	-	1	-	-	-	-
GLACIER	90	107	254	280	1	3	4	5	-	-
GOLDEN VALLEY	7	13	-	11	-	-	-	-	-	-
GRANITE	14	30	1	40	-	-	-	-	-	-
HILL	155	138	481	348	5	4	1	1	-	-
JEFFERSON	32	52	6	105	-	1	1	3	-	-
JUDITH BASIN	2	26	-	39	-	-	-	-	-	-
LAKE	162	189	316	351	4	5	1	3	-	-
LEWIS & CLARK	390	334	889	806	6	5	6	5	-	-
LIBERTY	23	13	47	41	-	-	-	-	-	-
LINCOLN	78	104	219	324	2	2	1	3	-	-
MCCONE	21	25	22	61	2	3	-	1	-	-
MADISON	70	83	109	97	-	1	1	2	-	-
MEAGHER	17	19	14	34	1	1	-	-	-	-
MINERAL	46	37	35	77	1	1	2	2	-	-
MISSOULA	530	450	1,511	1,281	12	9	9	9	1	1
MUSSELSHELL	31	54	25	95	-	-	1	1	-	-
PARK	107	125	161	218	1	2	1	3	1	1
PETROLEUM	1	3	-	7	-	-	-	-	-	-
PHILLIPS	44	56	57	110	-	3	1	2	-	-
PONDERA	52	55	110	133	1	1	1	1	-	-
POWDER RIVER	9	17	-	45	1	1	-	1	-	-
POWELL	64	66	88	98	-	-	-	-	-	-
PRAIRIE	15	18	3	25	-	-	-	-	-	-
RAVALLI	173	200	229	325	2	2	1	2	-	-
RICHLAND	77	91	239	283	-	-	-	1	-	-
ROOSEVELT	98	99	240	246	1	-	1	3	-	-
ROSEBUD	50	72	6	228	-	1	2	6	-	-
SANDERS	59	74	84	166	1	2	-	2	-	-
SHERIDAN	47	48	84	95	-	-	1	1	-	-
SILVER BOW	489	513	703	559	13	11	4	5	-	-
STILLWATER	57	62	119	103	-	1	-	1	-	1
SWEET GRASS	25	28	42	57	-	-	-	-	-	-
TETON	42	59	101	116	-	-	-	-	-	-
TOOLE	25	38	61	98	-	-	-	2	-	-
TREASURE	3	6	1	12	-	-	-	1	-	-
VALLEY	75	85	201	209	2	1	1	-	-	-
WHEATLAND	27	28	32	52	-	1	-	2	-	-
WIBAUX	10	15	2	26	-	-	1	1	-	-
YELLOWSTONE	874	709	2,229	1,894	17	12	34	20	1	-

TABLE 4

DEATHS, LIVE BIRTHS, AND FETAL DEATHS BY RACE

MONTANA COUNTIES, 1979
BY PLACE OF RESIDENCE

COUNTY	DEATHS				LIVE BIRTHS				FETAL DEATHS				
	TOTAL	WHITE*	INDIAN	OTHER	TOTAL	WHITE*	INDIAN	OTHER	TOTAL	WHITE*	INDIAN	OTHER	UNKNOWN
MONTANA, TOTAL	6,471	6,168	282	21	14,057	12,593	1,293	171	116	99	16	-	1
BEAVERHEAD	66	66	-	-	147	143	3	1	3	3	-	-	-
BIG HORN	86	39	46	1	250	94	153	3	4	-	4	-	-
BLAINE	65	41	24	-	146	73	72	1	2	-	2	-	-
BROADWATER	24	23	1	-	59	58	1	-	1	1	-	-	-
CARBON	98	97	1	-	136	134	2	-	1	1	-	-	-
CARTER	20	20	-	-	24	24	-	-	-	-	-	-	-
CASCADE	658	636	17	5	1,533	1,405	76	52	8	7	1	-	-
CHOUTEAU	47	46	1	-	95	93	2	-	2	2	-	-	-
CUSTER	141	140	1	-	216	212	3	1	3	3	-	-	-
DANIELS	32	32	-	-	49	48	-	1	-	-	-	-	-
DAWSON	88	88	-	-	228	223	2	3	2	2	-	-	-
DEER LODGE	161	161	-	-	142	138	-	4	3	3	-	-	-
FALLON	28	28	-	-	64	64	-	-	-	-	-	-	-
FERGUS	156	155	-	1	232	228	3	1	2	2	-	-	-
FLATHEAD	421	415	5	1	883	852	26	5	9	9	-	-	-
GALLATIN	228	228	-	-	722	704	13	5	2	2	-	-	-
GARFIELD	11	11	-	-	36	35	1	-	1	1	-	-	-
GLACIER	107	52	53	2	280	80	200	-	3	1	2	-	-
GOLDEN VALLEY	13	13	-	-	11	11	-	-	-	-	-	-	-
GRANITE	30	30	-	-	40	39	1	-	-	-	-	-	-
HILL	138	120	18	-	348	256	86	6	4	3	1	-	-
JEFFERSON	52	52	-	-	105	104	1	-	1	1	-	-	-
JUDITH BASIN	26	26	-	-	39	39	-	-	-	-	-	-	-
LAKE	189	163	26	-	351	240	111	-	5	3	2	-	-
LEWIS & CLARK	334	329	4	1	806	785	18	3	5	5	-	-	-
LIBERTY	13	13	-	-	41	39	2	-	-	-	-	-	-
LINCOLN	104	103	1	-	324	314	9	1	2	2	-	-	-
MCCONE	25	25	-	-	61	60	1	-	3	3	-	-	-
MADISON	83	83	-	-	97	95	2	-	1	1	-	-	-
MEAGHER	19	19	-	-	34	33	-	1	1	1	-	-	-
MINERAL	37	37	-	-	77	72	4	1	1	1	-	-	-
MISSOULA	450	446	3	1	1,281	1,207	40	34	9	6	3	-	-
MUSSELSHELL	54	54	-	-	95	93	2	-	-	-	-	-	-
PARK	125	125	-	-	218	213	4	1	2	2	-	-	-
PETROLEUM	3	3	-	-	7	7	-	-	-	-	-	-	-
PHILLIPS	56	54	2	-	110	97	11	2	3	3	-	-	-
PONDERA	55	49	6	-	133	105	27	1	1	1	-	-	-
POWDER RIVER	17	17	-	-	45	44	1	-	1	1	-	-	-
POWELL	66	66	-	-	98	93	5	-	-	-	-	-	-
PRAIRIE	18	18	-	-	25	25	-	-	-	-	-	-	-
RAVALLI	200	200	-	-	325	317	4	4	2	2	-	-	-
RICHLAND	91	89	1	1	283	277	6	-	-	-	-	-	-
ROOSEVELT	99	72	27	-	246	93	151	2	-	-	-	-	-
ROSEBUD	72	45	27	-	228	138	87	3	1	1	-	-	-
SANDERS	74	71	3	-	166	145	21	-	2	2	-	-	-
SHERIDAN	48	48	-	-	95	92	3	-	-	-	-	-	-
SILVER BOW	513	505	5	3	559	538	15	6	11	11	-	-	-
STILLWATER	62	61	1	-	103	103	-	-	1	1	-	-	-
SWEET GRASS	28	28	-	-	57	55	2	-	-	-	-	-	-
TETON	59	58	1	-	116	114	2	-	-	-	-	-	-
TOOLE	38	37	-	1	98	92	4	2	-	-	-	-	-
TREASURE	6	6	-	-	12	11	-	1	-	-	-	-	-
VALLEY	85	80	5	-	209	164	44	1	1	-	1	-	-
WHEATLAND	28	28	-	-	52	52	-	-	1	1	-	-	-
WIBAUX	15	14	1	-	26	25	1	-	-	-	-	-	-
YELLOWSTONE	709	703	2	4	1,894	1,798	71	25	12	11	-	-	1

* WHITE INCLUDES MEXICAN.

BIRTHS

EDUCATION OF MOTHER

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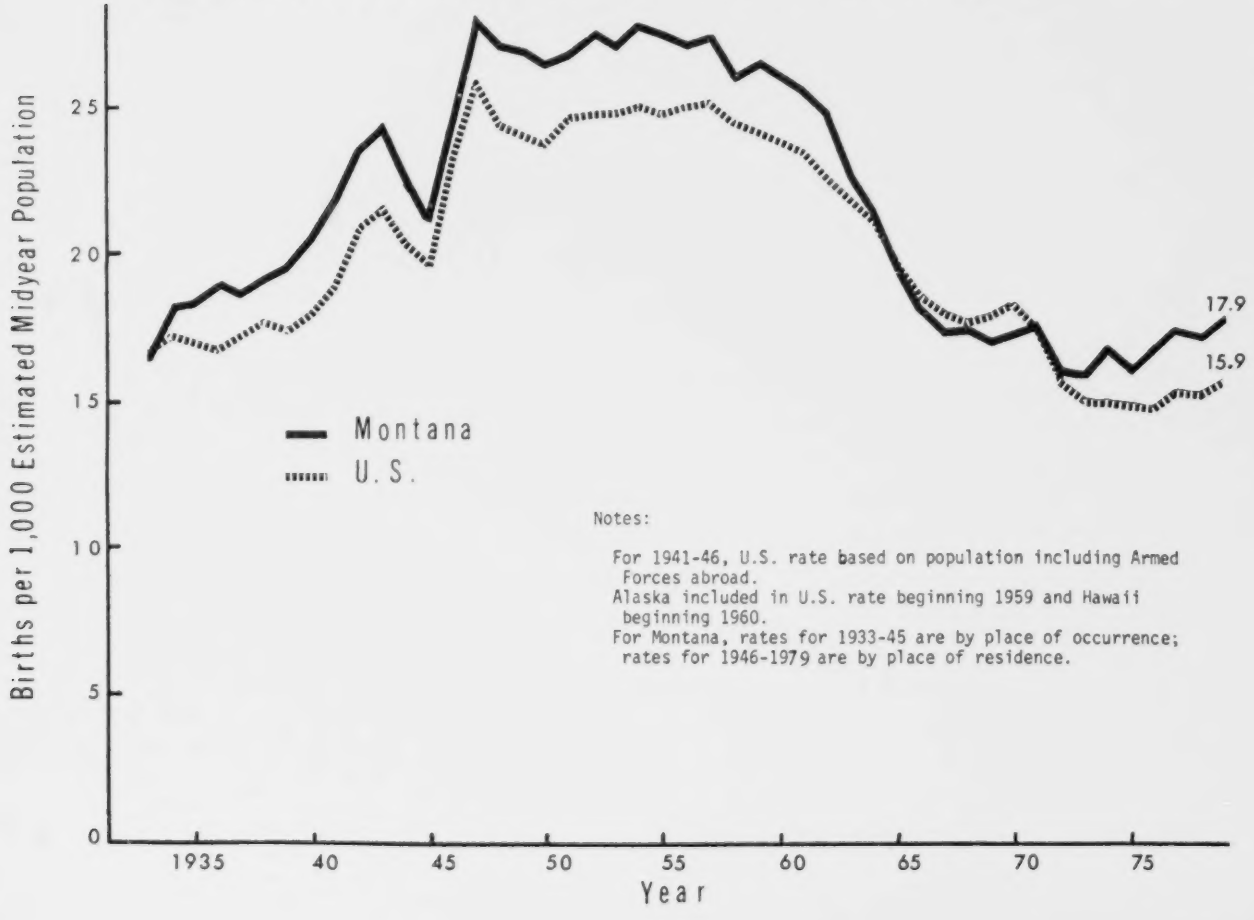
TREND

With the exception of 1975, the number of resident live births has increased steadily since 1973. The 14,057 resident live births in 1979 brought Montana back to the levels of live births which occurred in 1964 and 1965.

The crude birth rate, however, shows only a slight increase in recent years - which means that the increase in number of live births has been offset to some extent by the increase in Montana's population. The crude birth rate is the number of live births per 1,000 estimated population. A historical listing of rates for resident live births is shown in Table 1, while below is a chart of the number of live births for the years 1960 through 1979.

CHART 3

CRUDE BIRTH RATES: Montana & U.S., 1933-79



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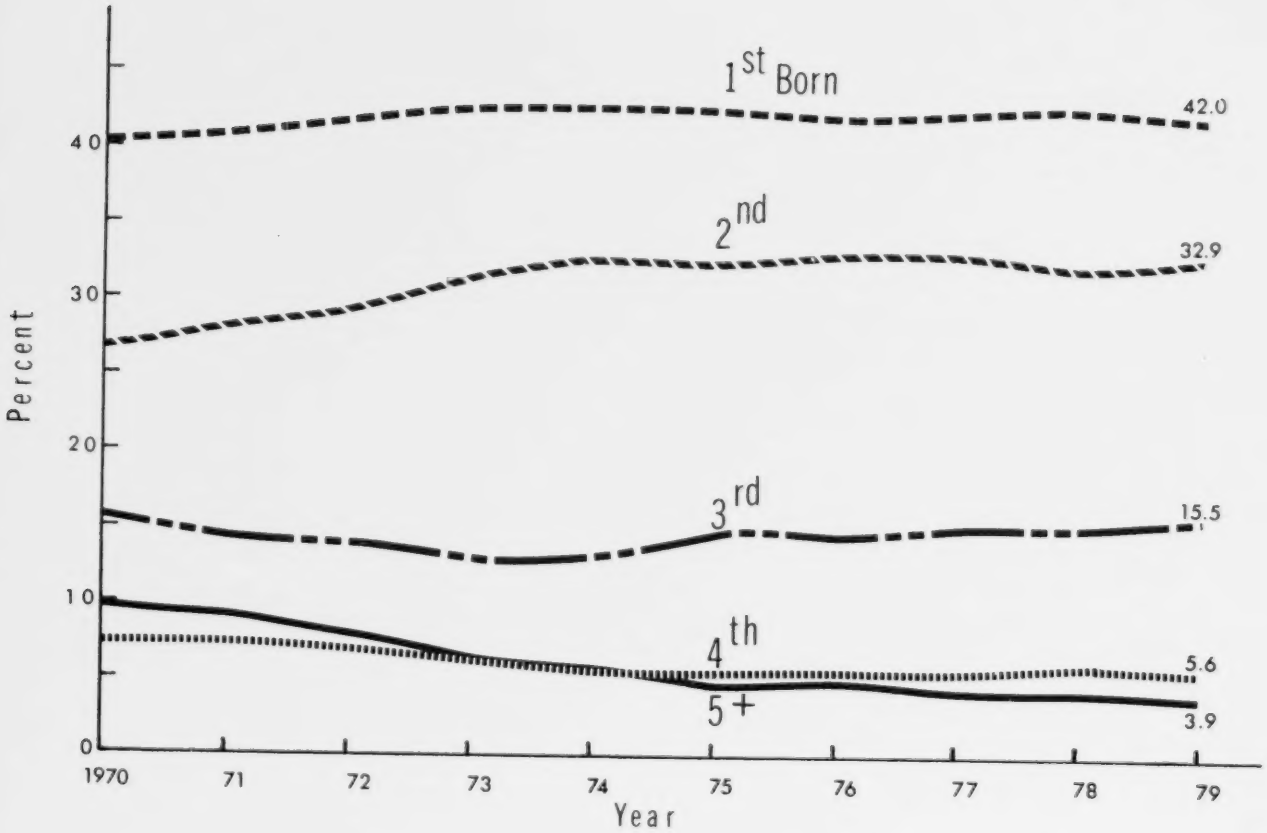
BIRTH ORDER

The accompanying graph shows the percent of resident births for first- through fourth-birth-order for the period 1970-1979. There has been a slight increase in first- and second-birth-order children, third-birth-order children have been essentially steady, whereas fourth-birth-order children have declined slightly. Large families (for our purposes, designated as those with five or more births) have declined dramatically from 9.7 percent of the total births in 1970 to 3.9 percent in 1979.

CHART 4

PERCENT OF LIVE BIRTHS BY BIRTH ORDER: Montana, 1970-79



SEX

There were 7,226 male and 6,831 female births in 1979, producing a sex ratio of 105.8 males per 100 females. During the decade of the 70's, the sex ratio has varied from a low of 104.2 in 1970 to 109.1 in 1975.

Sex Ratio: Montana, 1970-1979

Year	Males Per 100 Females
1970	104.2
1971	106.0
1972	104.3
1973	105.9
1974	107.4
1975	109.1
1976	104.4
1977	107.1
1978	105.7
1979	105.8

OUT-OF-WEDLOCK BIRTHS

Even though the out-of-wedlock birth ratio of 113.5 is over six times higher than that for 1953 (17.5), the out-of-wedlock birth ratio for Montana is considerably below that for the United States. The latest for the U.S. is for 1978, 163.2.

The out-of-wedlock rate for Indians, 421.5, is approximately five times that for whites, 82.3.

It should be pointed out that all data regarding out-of-wedlock births for Montana are developed by inference. There is no item specifically addressing the legitimacy status on the birth certificate. The regulations of the Department of Health and Environmental Sciences require that if the mother was not married at the time of birth, that no information regarding the father of the child be enterd on the certificate unless accompanied by an affidavit of paternity. Thus, in instances where no information regarding the father is shown on the birth certificate, the Bureau infers that the birth occurred out-of-wedlock. Out-of-wedlock births are a special concern because women pregnant out-of-wedlock tend to seek medical care later in pregnancy than do those pregnant in-wedlock. Infant death rates for children born out-of-wedlock are higher than those for those born in-wedlock.

MULTIPLE BIRTHS

There were 276 twins and 6 triplets born alive in Montana in 1979. Of the twins, 250 were white, and 26 Indian.

TABLE 5

SUMMARY OF LIVE BIRTHS

MONTANA, 1979 AND 1978

BY PLACE OF RESIDENCE. EACH PERCENT HAS BEEN INDEPENDENTLY ROUNDED TO THE NEAREST ONE-TENTH OF ONE PERCENT. HENCE, THE SUMS OF PARTS MAY DIFFER SLIGHTLY FROM THE TOTAL SHOWN.

ITEM	1979		1978	
	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	14,057	100.0	13,545	100.0
SEX				
MALE	7,226	51.4	6,960	51.4
FEMALE	6,831	48.6	6,585	48.6
LEGITIMACY				
IN WEDLOCK	12,461	88.6	11,916	88.0
OUT OF WEDLOCK	1,596	11.4	1,629	12.0
MULTIPLE BIRTHS				
SINGLE	13,775	98.0	13,279	98.0
TWINS	276	2.0	266	2.0
TRIPLETS	6	0.0		0.0
LIVING CHILDREN				
FIRST CHILD	5,906	42.0	5,799	42.8
SECOND CHILD	4,624	32.9	4,331	32.0
THIRD CHILD	2,180	15.5	2,030	15.0
FOURTH CHILD	790	5.6	818	6.0
FIFTH CHILD	298	2.1	298	2.2
SIXTH CHILD	130	0.9	131	1.0
SEVENTH CHILD	59	0.4	75	0.6
EIGHTH CHILD	29	0.2	29	0.2
NINE OR MORE	41	0.3	34	0.3

TABLE 6

NUMBER AND PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY ATTENDANT

MONTANA COUNTIES, 1979

BY PLACE OF OCCURRENCE

COUNTY	NUMBER ATTENDED BY-				PERCENTAGE ATTENDED BY-		
	TOTAL	BOA* AND IN HOSPITAL	PHYSICIAN NOT IN HOSPITAL	OTHER NOT IN HOSPITAL	BOA* AND IN HOSPITAL	PHYSICIAN NOT IN HOSPITAL	OTHER NOT IN HOSPITAL
MONTANA, TOTAL	13,800	13,612	70	118	98.6	0.5	0.9
BEAVERHEAD	60	58	-	2	96.7	0.0	3.3
BIG HORN	245	244	-	1	99.6	0.0	0.4
BLAINE	49	48	-	1	98.0	0.0	2.0
BROADWATER	43	43	-	-	100.0	0.0	0.0
CARBON	60	59	-	1	98.3	0.0	1.7
CARTER	6	6	-	-	100.0	0.0	0.0
CASCADE	1,688	1,679	1	8	99.5	0.1	0.5
CHOUTEAU	24	23	-	1	95.8	0.0	4.2
CUSTER	372	372	-	-	100.0	0.0	0.0
DANIELS	50	50	-	-	100.0	0.0	0.0
DAWSON	238	238	-	-	100.0	0.0	0.0
DEER LODGE	85	85	-	-	100.0	0.0	0.0
FALLON	23	23	-	-	100.0	0.0	0.0
FERGUS	269	268	-	1	99.6	0.0	0.4
FLATHEAD	1,043	999	36	8	95.8	3.5	0.8
GALLATIN	815	791	18	6	97.1	2.2	0.7
GARFIELD	9	9	-	-	100.0	0.0	0.0
GLACIER	254	252	1	1	99.2	0.4	0.4
GOLDEN VALLEY	-	-	-	-	0.0	0.0	0.0
GRANITE	1	-	-	1	0.0	0.0	100.0
HILL	481	477	2	2	99.2	0.4	0.4
JEFFERSON	6	1	-	5	16.7	0.0	83.3
JUDITH BASIN	-	-	-	-	0.0	0.0	0.0
LAKE	316	314	2	-	99.4	0.6	0.0
LEWIS & CLARK	889	881	-	8	99.1	0.0	0.9
LIBERTY	47	44	-	3	93.6	0.0	6.4
LINCOLN	219	205	3	11	93.6	1.4	5.0
MCCONE	22	22	-	-	100.0	0.0	0.0
MADISON	109	109	-	-	100.0	0.0	0.0
MEAGHER	14	13	-	1	92.9	0.0	7.1
MINERAL	35	33	-	2	94.3	0.0	5.7
MISSOULA	1,511	1,493	2	16	98.8	0.1	1.1
MUSSELSHELL	25	23	-	2	92.0	0.0	8.0
PARK	161	158	1	2	98.1	0.6	1.2
PETROLEUM	-	-	-	-	0.0	0.0	0.0
PHILLIPS	57	57	-	-	100.0	0.0	0.0
PONDERA	110	109	-	1	99.1	0.0	0.9
POWDER RIVER	-	-	-	-	0.0	0.0	0.0
POWELL	88	85	-	3	96.6	0.0	3.4
PRAIRIE	3	3	-	-	100.0	0.0	0.0
RAVALLI	229	220	-	9	96.1	0.0	3.9
RICHLAND	239	237	-	2	99.2	0.0	0.8
ROOSEVELT	240	240	-	-	100.0	0.0	0.0
ROSEBUD	6	6	-	-	100.0	0.0	0.0
SANDERS	84	80	-	4	95.2	0.0	4.8
SHERIDAN	84	83	-	1	98.8	0.0	1.2
SILVER BOW	703	703	-	-	100.0	0.0	0.0
STILLWATER	119	118	-	1	99.2	0.0	0.8
SWEET GRASS	42	42	-	-	100.0	0.0	0.0
TETON	101	95	-	6	94.1	0.0	5.9
TOOLE	61	61	-	-	100.0	0.0	0.0
TREASURE	1	-	-	1	0.0	0.0	100.0
VALLEY	201	201	-	-	100.0	0.0	0.0
WHEATLAND	32	32	-	-	100.0	0.0	0.0
WIBAUX	2	-	1	1	0.0	50.0	50.0
YELLOWSTONE	2,229	2,220	3	6	99.6	0.1	0.3

* BORN ON ARRIVAL

TABLE 7

LIVE BIRTHS BY BIRTH WEIGHT GROUP
MONTANA COUNTIES, 1979

INFANTS BORN TO MOTHERS WHO WERE RESIDENTS

OF MONTANA AND BIRTH WEIGHT WAS GIVEN.

	PREMATURE 5 LBS. 8 OZ. AND UNDER		MATURE OVER 5 LBS. 8 OZ.	
COUNTY	NUMBER	PERCENT	NUMBER	PERCENT
MONTANA, TOTAL	789	5.6	13,268	94.4
BEAVERHEAD	5	3.4	142	96.6
BIG HORN	15	6.0	235	94.0
BLAINE	10	6.8	136	93.2
BROADWATER	2	3.4	57	96.6
CARBON	10	7.4	126	92.6
CARTER	2	8.3	22	91.7
CASCADE	111	7.2	1,422	92.8
CHOUTEAU	7	7.4	88	92.6
CUSTER	11	5.1	205	94.9
DANIELS	3	6.1	46	93.9
DAWSON	10	4.4	218	95.6
DEER LODGE	5	3.5	137	96.5
FALLON	1	1.6	63	98.4
FERGUS	11	4.7	221	95.3
FLATHEAD	54	6.1	829	93.9
GALLATIN	39	5.4	683	94.6
GARFIELD	2	5.6	34	94.4
GLACIER	17	6.1	263	93.9
GOLDEN VALLEY	1	9.1	10	90.9
GRANITE	3	7.5	37	92.5
HILL	13	3.7	335	96.3
JEFFERSON	4	3.8	101	96.2
JUDITH BASIN	3	7.7	36	92.3
LAKE	17	4.8	334	95.2
LEWIS & CLARK	46	5.7	760	94.3
LIBERTY	2	4.9	39	95.1
LINCOLN	12	3.7	312	96.3
MCCONE	2	3.3	59	96.7
MADISON	9	9.3	88	90.7
MEAGHER	7	20.6	27	79.4
MINERAL	3	3.9	74	96.1
MISSOULA	71	5.5	1,210	94.5
MUSSELSHELL	2	2.1	93	97.9
PARK	13	6.0	205	94.0
PETROLEUM	1	14.3	6	85.7
PHILLIPS	6	5.5	104	94.5
PONDERA	6	4.5	127	95.5
POWDER RIVER	2	4.4	43	95.6
POWELL	3	3.1	95	96.9
PRAIRIE	1	4.0	24	96.0
RAVALLI	19	5.8	306	94.2
RICHLAND	11	3.9	272	96.1
ROOSEVELT	9	3.7	237	96.3
ROSEBUD	12	5.3	216	94.7
SANDERS	9	5.4	157	94.6
SHERIDAN	5	5.3	90	94.7
SILVER BOW	41	7.3	518	92.7
STILLWATER	4	3.9	99	96.1
SWEET GRASS	3	5.3	54	94.7
TETON	7	6.0	109	94.0
TOOLE	6	6.1	92	93.9
TREASURE	-	0.0	12	100.0
VALLEY	5	2.4	204	97.6
WHEATLAND	3	5.8	49	94.2
WIBAUX	3	11.5	23	88.5
YELLOWSTONE	110	5.8	1,784	94.2

TABLE 8

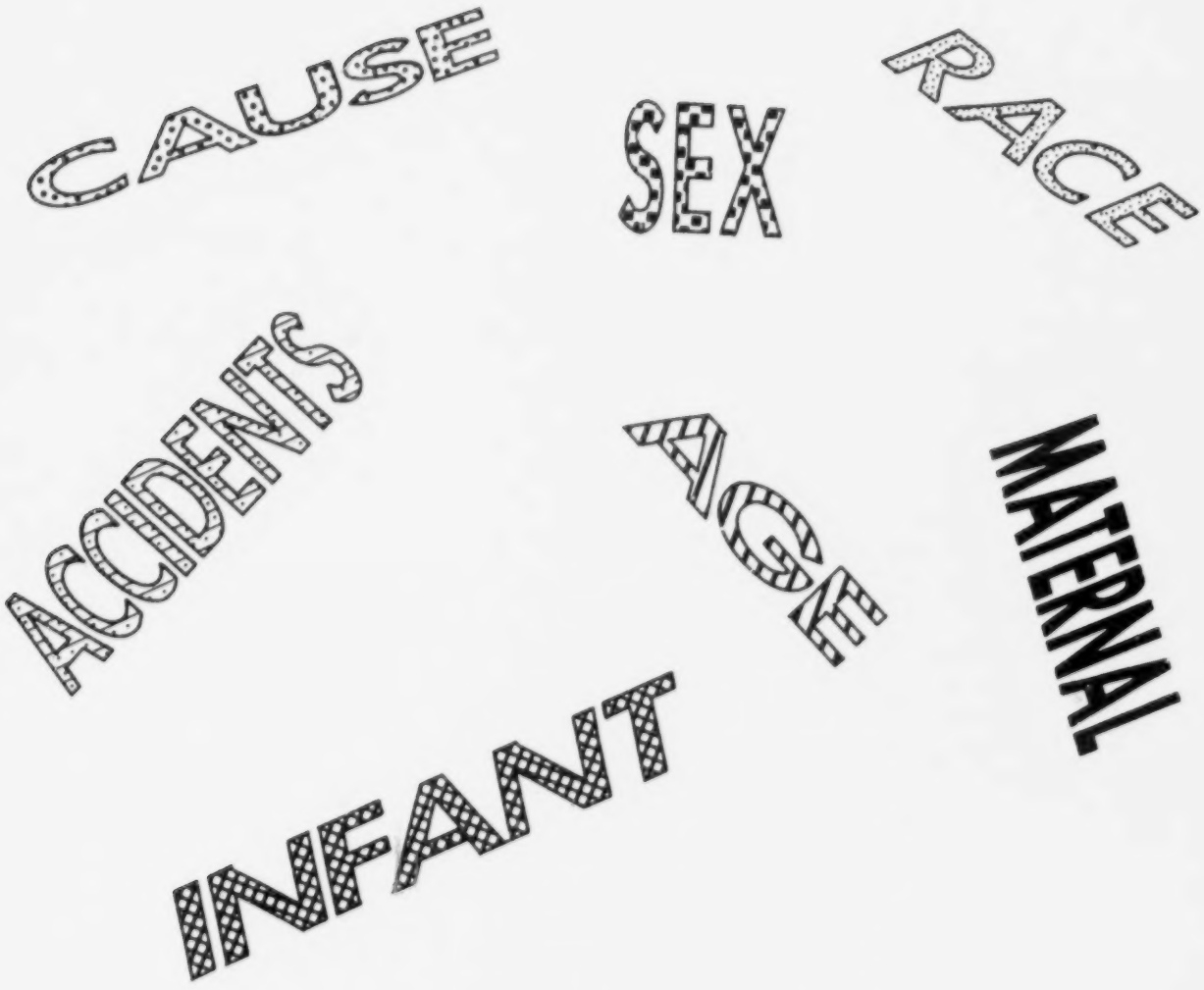
NUMBER AND PERCENT OF LIVE BORN INFANTS BY YEARS OF EDUCATION OF MOTHER AND NUMBER OF CHILDREN BORN ALIVE

MONTANA 1979

MONTANA RESIDENTS DELIVERING IN MONTANA

EDUCATION OF MOTHER IN YEARS	NUMBER OF LIVE BORN CHILDREN											
	TOTAL	1	2	3	4	5	6	7	8	9	10+	NOT STATED
TOTAL												
NUMBER	13,708	5,691	4,492	2,123	822	306	135	58	37	19	25	-
PERCENT	100.0	41.5	32.8	15.5	6.0	2.2	1.0	0.4	0.3	0.1	0.2	0.0
UNDER 8 YEARS												
NUMBER	64	14	18	12	7	3	3	6	-	1	-	-
PERCENT	100.0	21.9	28.1	18.8	10.9	4.7	4.7	9.4	0.0	1.6	0.0	0.0
8 YEARS												
NUMBER	273	108	55	46	14	18	12	3	5	4	8	-
PERCENT	100.0	39.6	20.1	16.8	5.1	6.6	4.4	1.1	1.8	1.5	2.9	0.0
9 YEARS												
NUMBER	403	186	99	72	22	13	4	1	4	1	1	-
PERCENT	100.0	46.2	24.6	17.9	5.5	3.2	1.0	0.2	1.0	0.2	0.2	0.0
10 YEARS												
NUMBER	698	316	210	108	31	11	11	3	5	-	3	-
PERCENT	100.0	45.3	30.1	15.5	4.4	1.6	1.6	0.4	0.7	0.0	0.4	0.0
11 YEARS												
NUMBER	804	384	206	120	53	24	11	2	1	2	1	-
PERCENT	100.0	47.8	25.6	14.9	6.6	3.0	1.4	0.2	0.1	0.2	0.1	0.0
12 YEARS												
NUMBER	5,866	2,381	1,995	901	359	125	49	26	12	9	9	-
PERCENT	100.0	40.6	34.0	15.4	6.1	2.1	0.8	0.4	0.2	0.2	0.2	0.0
13 YEARS												
NUMBER	1,607	654	518	270	104	36	12	7	5	-	1	-
PERCENT	100.0	40.7	32.2	16.8	6.5	2.2	0.7	0.4	0.3	0.0	0.1	0.0
14 YEARS												
NUMBER	1,103	417	386	176	83	25	10	2	2	1	1	-
PERCENT	100.0	37.8	35.0	16.0	7.5	2.3	0.9	0.2	0.2	0.1	0.1	0.0
15 YEARS												
NUMBER	525	210	170	92	34	12	3	1	3	-	-	-
PERCENT	100.0	40.0	32.4	17.5	6.5	2.3	0.6	0.2	0.6	0.0	0.0	0.0
16 YEARS												
NUMBER	1,793	761	632	266	83	31	15	4	-	1	-	-
PERCENT	100.0	42.4	35.2	14.8	4.6	1.7	0.8	0.2	0.0	0.1	0.0	0.0
17+ YEARS												
NUMBER	540	245	198	57	28	6	4	2	-	-	-	-
PERCENT	100.0	45.4	36.7	10.6	5.2	1.1	0.7	0.4	0.0	0.0	0.0	0.0
NOT STATED												
NUMBER	32	15	5	3	4	2	1	1	-	-	1	-
PERCENT	100.0	46.9	15.6	9.4	12.5	6.2	3.1	3.1	0.0	0.0	3.1	0.0

DEATHS



HISTORICAL SERIES

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DEATHS

The death rate in Montana continued to drop in 1979 as it has generally done since 1943. The 6,471 deaths of Montana residents in 1979 constituted a crude death rate of 8.2 deaths per 1,000 estimated population.

Of the 6,471 deaths, 57 percent were male; 36 percent were attributable to heart disease, 19 percent to cancer, 9 percent to stroke, and 9 percent to accidents; 67 percent were people 65 years of age and older. The median age at death was approximately 73, relatively unchanged over the past three years.

HEART DISEASE

The 2,302 deaths of Montana residents that were attributable to heart disease yield a cause-specific death rate of 292.9. This is an increase in death rate thus reversing the downward trend of the past decade. Caution in interpretation should be exercised, however, because the International Classification of Diseases (ICD) coding structure was changed for 1979, as it is every ten years. The ninth revision of the ICD applied to 1979 deaths may have included more deaths in the heart disease category than would have been included under the previous revision. This same apparent increase occurred in 1969 as can be seen in Table 16.

Ischemic heart disease accounted for approximately 71 percent of all deaths due to heart disease, with the acute form of this disease, myocardial infarction, accounting for 43 percent of all heart disease deaths.

CANCER

Cancer continued as the second leading cause of death in Montana in 1979. The 1,240 cancer deaths constituted a cause-of-death rate of 157.8, which was approximately the same as the preceding year.

There were 672 male deaths due to cancer, 54 percent of all cancer deaths. Twenty-nine percent of the 672 deaths were attributable to cancer of the lung while 26 percent were attributable to cancer of the digestive organs.

Of the 568 female cancer deaths, 105 (18 percent) were attributable to cancer of the breast. The breast continued to be the most frequent site for cancer in women.

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STROKE

The 588 deaths due to cerebrovascular diseases in 1979 represents a cause-specific death rate of 74.8. This apparent increase in number and rate over 1978 should be interpreted cautiously due to the ICD changes noted in the section on heart disease. Even with the increase in number of deaths, cerebrovascular disease dropped to the position of fourth-leading cause of death in Montana.

ACCIDENTS

Accidental deaths claimed 596 Montanans in 1979. This was 9.2 percent of all 1979 deaths, up slightly from 8.6 percent in 1978. Accidental deaths became the third-leading cause of death in Montana in 1979, replacing cerebrovascular disease.

Over half of the resident accidental deaths (53 percent) were attributable to motor vehicle accidents. Leading among the other 47 percent of accidental deaths were various types of falls.

The median age for accidental death categories in Montana in 1979 increased slightly over 1978. The median age for all accidental deaths was approximately 30.4 years; that for death due to motor vehicle accidents was approximately 24.6; while that for all other (non-motor vehicle) accidents was approximately 45.4 years.

SUICIDE AND HOMICIDE

The number of suicides in 1979 of Montana residents remained constant with respect to 1978 with 123 deaths for a cause-specific death rate of 15.6.

Homicides also remained relatively constant with respect to 1978. There were 39 deaths due to homicide for a cause-of-death rate of 5.0 compared to a rate of 5.1 in 1978.

INFANT DEATHS

The infant mortality rate in Montana continued to drop in 1979. There were 151 infant deaths in 1979, a rate of 10.7 deaths per 1,000 live births. The 1979 fetal death rate increased slightly over 1978 with a rate of 8.3 as compared to 8.1 and 8.9 for the preceding two years.

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1979

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
	ALL CAUSES	6,471	3,479	180	2,689	123
001-139	INFECTIOUS AND PARASITIC DISEASES.	35	19	3	12	1
001-009	INTESTINAL INFECTIOUS DISEASES	1	1	-	-	-
008	INTESTINAL INFECTIONS DUE TO OTHER ORGANISMS.	1	1	-	-	-
010-018	TUBERCULOSIS	5	4	-	-	1
011	PULMONARY TUBERCULOSIS	5	4	-	-	1
020-027	ZOONOTIC BACTERIAL DISEASES.	1	-	-	1	-
027	OTHER ZOONOTIC BACTERIAL DISEASES.	1	-	-	1	-
030-041	OTHER BACTERIAL DISEASES	19	9	3	7	-
036	MENINGOCOCCAL INFECTION.	4	2	-	2	-
038	SEPTICEMIA	15	7	3	5	-
045-049	POLIOMYELITIS & OTHER NON-ARTHROPOD-BORNE VIRAL DISEASES OF CNS.	2	2	-	-	-
049	OTHER NON-ARTHROPOD-BORNE VIRAL DISEASES	2	2	-	-	-
050-057	VIRAL DISEASES ACCOMPANIED BY EXANTHEM	3	1	-	2	-
053	HERPES ZOSTER.	2	1	-	1	-
054	HERPES SIMPLEX	1	-	-	1	-
070-079	OTHER DISEASES DUE TO VIRUSES AND CHLAMYDIAE	3	2	-	1	-
070	VIRAL HEPATITIS.	2	2	-	-	-
078	OTHER DISEASES DUE TO VIRUSES AND CHLAMYDIAE	1	-	-	1	-
130-136	OTHER INFECTIOUS AND PARASITIC DISEASES.	1	-	-	1	-
136	OTHER AND UNSPECIFIED INFECTIONS AND PARASITIC DISEASES	1	-	-	1	-
140-239	NEOPLASMS.	1,252	667	14	558	13
140-149	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX.	19	10	-	8	1
141	TONGUE	4	2	-	2	-
142	MAJOR SALIVARY GLANDS.	1	1	-	-	-
144	FLOOR OF MOUTH	3	3	-	-	-
145	OTHER AND UNSPECIFIED PARTS OF MOUTH	2	-	-	2	-
146	OROPHARYNX	1	-	-	1	-
147	NASOPHARYNX.	4	2	-	2	-
149	PHARYNX.	4	2	-	1	1
150-159	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	330	171	1	154	4
150	OF ESOPHAGUS	16	13	-	3	-
151	OF STOMACH	44	24	-	18	2
152	SMALL INTESTINE, INCLUDING DUODENUM.	6	2	-	4	-
153	COLON.	128	61	1	65	1
154	RECTUM, RECTOSIGMOID JUNCTION AND ANUS	33	15	-	18	-
155	LIVER AND INTRAHEPATIC BILE DUCTS.	14	10	-	4	-
156	GALLBLADDER AND EXTRAHEPATIC BILE DUCTS.	7	2	-	5	-
157	PANCREAS	68	37	-	31	-
158	RETROPERITONEUM AND PERITONEUM	4	4	-	-	-
159	ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM.	10	3	-	6	1
160-165	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	277	200	7	69	1
161	LARYNX	11	10	-	1	-
162	TRACHEA, BRONCHUS AND LUNG	263	187	7	68	1

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1979

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
163	PLEURA	1	1	-	-	-
164	THYMUS, HEART AND MEDIASTINUM	2	2	-	-	-
170-175	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST	148	21	-	124	3
170	BONE AND ARTICULAR CARTILAGE	6	3	-	3	-
171	CONNECTIVE AND OTHER SOFT TISSUE	17	6	-	11	-
172	MALIGNANT MELANOMA OF SKIN	13	6	-	7	-
173	OTHER MALIGNANT NEOPLASM OF SKIN	6	5	-	1	-
174	FEMALE BREAST	105	-	-	102	3
175	MALE BREAST	1	1	-	-	-
179-189	MALIGNANT NEOPLASM OF GENITOURINARY ORGANS	264	155	3	102	4
179	UTERUS, PART UNSPECIFIED	12	-	-	12	-
180	CERVIX UTERI	20	-	-	16	4
182	BODY OF UTERUS	11	-	-	11	-
183	OVARY AND OTHER UTERINE ADNEXA	40	-	-	40	-
184	OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	4	-	-	4	-
185	PROSTATE	99	98	1	-	-
186	TESTIS	7	6	1	-	-
187	PENIS AND OTHER MALE GENITAL ORGANS	1	1	-	-	-
188	BLADDER	39	26	1	12	-
189	KIDNEY AND OTHER UNSPECIFIED URINARY ORGANS	31	24	-	7	-
190-199	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	94	46	-	48	-
191	BRAIN	33	17	-	16	-
193	THYROID GLAND	2	-	-	2	-
195	ILL-DEFINED SITES	3	2	-	1	-
199	MALIGNANT NEOPLASM WITHOUT SPECIFICATION OF SITE	56	27	-	29	-
200-208	MALIGNANT NEOPLASM OF LYMPHATIC AND HEMATOPOIETIC TISSUE	108	55	3	50	-
200	LYMPHOSARCOMA AND RETICULOSARCOMA	9	3	-	6	-
201	HODGKIN'S DISEASE	9	2	-	7	-
202	OTHER MALIGNANT NEOPLASM OF LYMPHOID AND HISTIOCYTIC TISSUE	17	10	2	5	-
203	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	24	13	-	11	-
204	LYMPHOID LEUKEMIA	18	9	1	8	-
205	MYELOID LEUKEMIA	18	12	-	6	-
206	MONOCYTIC LEUKEMIA	1	-	-	1	-
207	OTHER SPECIFIED LEUKEMIA	1	1	-	-	-
208	LEUKEMIA OF UNSPECIFIED CELL TYPE	11	5	-	6	-
210-229	BENIGN NEOPLASMS	4	3	-	1	-
211	OTHER PARTS OF DIGESTIVE SYSTEM	1	1	-	-	-
225	BRAIN AND OTHER PARTS OF NERVOUS SYSTEM	2	2	-	-	-
227	OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	1	-	-	1	-
235-238	NEOPLASMS OF UNCERTAIN BEHAVIOR	4	2	-	2	-
237	ENDOCRINE GLANDS AND NERVOUS SYSTEM	1	1	-	-	-
238	OTHER AND UNSPECIFIED SITES AND TISSUES	3	1	-	2	-
239-239	NEOPLASMS OF UNSPECIFIED NATURE	4	4	-	-	-
239	NEOPLASM OF UNSPECIFIED NATURE	4	4	-	-	-
240-279	ENDOCRINE, NUTRITIONAL & METABOLIC DISEASES & IMMUNITY DISORDERS	131	54	2	66	9
240-246	DISORDERS OF THYROID GLAND	4	-	1	3	-
242	THYROTOXICOSIS WITH OR WITHOUT GOITRE	3	-	-	3	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1979

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
244	ACQUIRED HYPOTHYROIDISM.	1	-	1	-	-
250-259	DISEASES OF OTHER ENDOCRINE GLANDS	95	43	1	44	7
250	DIABETES MELLITUS.	94	42	1	44	7
255	DISORDERS OF ADRENAL GLANDS.	1	1	-	-	-
260-269	NUTRITIONAL DEFICIENCIES	14	4	-	10	-
261	NUTRITIONAL MARASMUS	1	-	-	1	-
262	OTHER SEVERE PROTEIN-CALORIE MALNUTRITION. . .	1	-	-	1	-
263	OTHER AND UNSPECIFIED PROTEIN-CALORIE MALNUTRITION	12	4	-	8	-
270-279	OTHER METABOLIC DISORDERS & IMMUNITY DISORDERS.	18	7	-	9	2
272	LIPOID METABOLISM.	3	1	-	2	-
276	FLUID, ELECTROLYTE AND ACID-BASE BALANCE . . .	6	2	-	2	2
277	OTHER AND UNSPECIFIED DISORDERS OF METABOLISM	5	3	-	2	-
278	OBESITY AND OTHER HYPERALIMENTATION.	4	1	-	3	-
280-289	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	22	14	1	6	1
280-289	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	22	14	1	6	1
281	OTHER DEFICIENCY ANEMIAS	2	1	-	1	-
284	APLASTIC ANEMIA.	4	2	1	1	-
285	OTHER AND UNSPECIFIED ANEMIAS.	5	4	-	-	1
286	COAGULATION DEFECTS.	5	3	-	2	-
287	PURPURA AND OTHER HEMORRHAGIC CONDITIONS . . .	1	1	-	-	-
288	DISEASES OF WHITE BLOOD CELLS.	1	-	-	1	-
289	OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	4	3	-	1	-
290-319	MENTAL DISORDERS	56	27	6	15	8
290-294	ORGANIC PSYCHOTIC CONDITIONS	10	7	-	3	-
290	SENILE AND PRESENILE ORGANIC PSYCHOTIC CONDITIONS	8	5	-	3	-
291	ALCOHOLIC PSYCHOSES.	2	2	-	-	-
295-299	OTHER PSYCHOSES.	2	-	-	2	-
295	SCHIZOPHRENIC PSYCHOSES.	1	-	-	1	-
296	AFFECTIVE PSYCHOSES.	1	-	-	1	-
300-316	NEUROSES, PERSONALITY DISORDERS & OTHER NON-PSYCHOTIC MENTAL DISORDERS	44	20	6	10	8
303	ALCOHOL DEPENDENCE SYNDROME.	22	9	4	2	7
305	NONDEPENDENT ABUSE OF DRUGS.	7	3	1	2	1
310	SPECIFIC NONPSYCHOTIC MENTAL DISORDERS AFTER ORGANIC BRAIN DAMAGE	12	7	-	5	-
311	DEPRESSIVE DISORDER, NOT ELSEWHERE CLASSIFIED	1	1	-	-	-
315	SPECIFIC DELAYS IN DEVELOPMENT	2	-	1	1	-
320-389	DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	84	44	1	39	-
320-326	INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	8	4	-	4	-
320	BACTERIAL MENINGITIS	6	2	-	4	-
322	MENINGITIS OF UNSPECIFIED CAUSE.	1	1	-	-	-
323	ENCEPHALITIS, MYELITIS AND ENCEPHALOMYELITIS.	1	1	-	-	-
330-337	HEREDITARY & DEGENERATIVE DISEASES OF THE CNS. . . .	42	21	-	21	-
331	OTHER CEREBRAL DEGENERATIONS	16	10	-	6	-
332	PARKINSON'S DISEASE.	11	2	-	9	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1979

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
333	OTHER EXTRAPYRAMIDAL DISEASE AND ABNORMAL MOVEMENT DISORDERS	3	2	-	1	-
334	SPINOCEREBELLAR DISEASE	1	1	-	-	-
335	ANTERIOR HORN CELL DISEASE	11	6	-	5	-
340-349	OTHER DISORDERS OF THE CENTRAL NERVOUS SYSTEM	30	15	1	14	-
340	MULTIPLE SCLEROSIS	13	5	-	8	-
343	INFANTILE CEREBRAL PALSY	2	1	-	1	-
344	OTHER PARALYTIC SYNDROMES	2	2	-	-	-
345	EPILEPSY	8	5	1	2	-
348	OTHER CONDITIONS OF BRAIN	5	2	-	3	-
350-359	DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	4	4	-	-	-
356	HEREDITARY AND IDIOPATHIC PERIPHERAL NEUROPATHY	1	1	-	-	-
358	MYONEURAL DISORDERS	1	1	-	-	-
359	MUSCULAR DYSTROPHIES AND OTHER MYOPATHIES	2	2	-	-	-
390-459	DISEASES OF THE CIRCULATORY SYSTEM	3,163	1,659	51	1,416	37
393-398	CHRONIC RHEUMATIC HEART DISEASE	31	8	2	19	2
394	DISEASES OF MITRAL VALVE	9	3	-	6	-
395	DISEASES OF AORTIC VALVE	3	-	1	1	1
396	DISEASES OF MITRAL AND AORTIC VALVES	5	2	-	3	-
397	DISEASES OF OTHER ENDOCARDIAL STRUCTURES	6	1	-	4	1
398	OTHER RHEUMATIC HEART DISEASE	8	2	1	5	-
401-404	HYPERTENSIVE DISEASE	75	32	2	40	1
401	ESSENTIAL HYPERTENSION	11	6	1	4	-
402	HYPERTENSIVE HEART DISEASE	40	14	1	24	1
403	HYPERTENSIVE RENAL DISEASE	11	6	-	5	-
404	HYPERTENSIVE HEART AND RENAL DISEASE	13	6	-	7	-
410-414	ISCHEMIC HEART DISEASE	1,637	954	24	642	17
410	ACUTE MYOCARDIAL INFARCTION	981	621	16	333	11
411	OTHER ACUTE AND SUBACUTE FORM OF ISCHEMIC HEART DISEASE	18	11	-	5	2
413	ANGINA PECTORIS	4	3	-	1	-
414	OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	634	319	8	303	4
415-417	DISEASES OF PULMONARY CIRCULATION	39	18	-	21	-
415	ACUTE PULMONARY HEART DISEASE	34	14	-	20	-
416	CHRONIC PULMONARY HEART DISEASE	5	4	-	1	-
420-429	OTHER FORMS OF HEART DISEASE	542	272	9	249	12
421	ACUTE AND SUBACUTE ENDOCARDITIS	2	2	-	-	-
423	OTHER DISEASES OF PERICARDIUM	1	-	-	1	-
424	OTHER DISEASES OF ENDOCARDIUM	27	16	1	9	1
425	CARDIOMYOPATHY	17	11	-	6	-
426	CONDUCTION DISORDERS	2	1	-	1	-
427	CARDIAC DYSRHYTHMIAS	167	92	5	66	4
428	HEART FAILURE	125	58	1	61	5
429	ILL-DEFINED DESCRIPTIONS & COMPLICATIONS OF HEART DISEASE	201	92	2	105	2
430-438	CEREBROVASCULAR DISEASE	588	252	8	324	4
430	SUBARACHNOID HEMORRHAGE	17	7	1	9	-
431	INTRACEREBRAL HEMORRHAGE	37	18	1	17	1
433	OCCLUSION AND STENOSIS OF PRECEREBRAL ARTERIES	12	5	-	7	-
434	OCCLUSION OF CEREBRAL ARTERIES	103	48	1	54	-
435	TRANSIENT CEREBRAL ISCHEMIA	2	2	-	-	-
436	ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE	321	136	5	177	3
437	OTHER AND ILL-DEFINED CEREBROVASCULAR DISEASE	77	29	-	48	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1979

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
438	LATE EFFECTS OF CEREBROVASCULAR DISEASE.	19	7	-	12	-
440-448	DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES.	229	113	4	111	1
440	ATHEROSCLEROSIS.	154	66	1	86	1
441	AORTIC ANEURYSM.	52	36	2	14	-
442	OTHER ANEURYSM	2	2	-	-	-
443	OTHER PERIPHERAL VASCULAR DISEASE.	4	3	-	1	-
444	ARTERIAL EMBOLISM AND THROMBOSIS	10	3	1	6	-
446	POLYARTERITIS NODOSA AND ALLIED CONDITIONS	5	1	-	4	-
447	OTHER DISORDERS OF ARTERIES AND ARTERIOLES	2	2	-	-	-
451-459	DISEASES OF VEINS & LYMPHATICS, & OTHER DIS. OF CIRCULATORY SYSTEM.	22	10	2	10	-
451	PHLEBITIS AND THROMBOPHLEBITIS	5	2	1	2	-
452	PORTAL VEIN THROMBOSIS	1	-	-	1	-
453	OTHER VENOUS EMBOLISM AND THROMBOSIS	1	1	-	-	-
454	VARICOSE VEINS OF LOWER EXTREMITIES.	2	-	-	2	-
456	VARICOSE VEINS OF OTHER SITES.	1	-	1	-	-
458	HYPOTENSION.	2	-	-	2	-
459	OTHER DISORDERS OF CIRCULATORY SYSTEM.	10	7	-	3	-
460-519	DISEASES OF THE RESPIRATORY SYSTEM	392	253	10	121	8
460-466	ACUTE RESPIRATORY INFECTIONS	1	1	-	-	-
466	ACUTE BRONCHITIS AND BRONCHIOLITIS	1	1	-	-	-
470-478	OTHER DISEASES OF UPPER RESPIRATORY TRACT.	1	-	-	1	-
473	CHRONIC SINUSITIS.	1	-	-	1	-
480-487	PNEUMONIA AND INFLUENZA.	147	84	6	54	3
480	VIRAL PNEUMONIA.	3	-	-	3	-
481	PNEUMOCOCCAL PNEUMONIA	9	6	1	2	-
482	OTHER BACTERIAL PNEUMONIA.	7	6	1	-	-
485	BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED	35	19	-	15	1
486	PNEUMONIA, ORGANISM UNSPECIFIED.	89	51	4	32	2
487	INFLUENZA.	4	2	-	2	-
490-496	CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS.	204	143	2	55	4
490	BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	1	1	-	-	-
491	CHRONIC BRONCHITIS	13	11	-	2	-
492	EMPHYSEMA.	58	41	1	15	1
493	ASTHMA	13	7	-	6	-
494	BRONCHIECTASIS	1	-	-	1	-
496	CHRONIC AIRWAYS OBSTRUCTION, NOT ELSEWHERE CLASSIFIED	118	83	1	31	3
500-508	PNEUMOCONIOSES AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENTS.	11	9	-	2	-
502	PNEUMOCONIOSIS DUE TO OTHER SILICA OR SILICATES	6	6	-	-	-
507	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS.	5	3	-	2	-
510-519	OTHER DISEASES OF RESPIRATORY SYSTEM	28	16	2	9	1
511	PLEURISY	1	1	-	-	-
514	PULMONARY CONGESTION AND HYPOSTASIS.	2	2	-	-	-
515	POSTINFLAMMATORY PULMONARY FIBROSIS.	11	6	1	4	-
516	OTHER ALVEOLAR AND PARIETOALVEOLAR PNEUMOPATHY.	2	1	1	-	-
518	OTHER DISEASES OF LUNG	8	4	-	3	1
519	OTHER DISEASES OF RESPIRATORY SYSTEM	4	2	-	2	-
520-579	DISEASES OF THE DIGESTIVE SYSTEM	249	109	12	117	11

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1979

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
530-537	DISEASES OF ESOPHAGUS, STOMACH AND DUODENUM.	43	20	1	20	2
530	DISEASES OF ESOPHAGUS.	6	3	-	3	-
531	GASTRIC ULCER.	15	7	1	5	2
532	DUODENAL ULCER	8	2	-	6	-
533	PEPTIC ULCER, SITE UNSPECIFIED	5	3	-	2	-
534	GASTROJEJUNAL ULCER.	1	1	-	-	-
535	GASTRITIS AND DUODENITIS	5	3	-	2	-
536	DISORDERS OF FUNCTION OF STOMACH	1	-	-	1	-
537	OTHER DISORDERS OF STOMACH AND DUODENUM.	2	1	-	1	-
540-543	APPENDICITIS.	1	-	-	1	-
540	ACUTE APPENDICITIS	1	-	-	1	-
550-553	HERNIA OF ABDOMINAL CAVITY	12	5	-	7	-
550	INGUINAL HERNIA.	1	-	-	1	-
552	OTHER WITH OBSTRUCTION, WITHOUT MENTION OF GANGRENE.	5	2	-	3	-
553	OTHER WITHOUT MENTION OF OBSTRUCTION OR GANGRENE	6	3	-	3	-
555-558	NONINFECTIVE ENTERITIS AND COLITIS	35	11	-	23	1
555	REGIONAL ENTERITIS	2	-	-	2	-
557	VASCULAR INSUFFICIENCY OF INTESTINE.	26	8	-	18	-
558	OTHER NONINFECTIVE GASTROENTERITIS AND COLITIS.	7	3	-	3	1
560-569	OTHER DISEASES OF INTESTINES AND PERITONEUM.	35	16	-	19	-
560	INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	11	4	-	7	-
562	DIVERTICULA OF INTESTINE	12	6	-	6	-
564	FUNCTIONAL DIGESTIVE DISORDERS, NEC.	2	-	-	2	-
566	ABSCESS OF ANAL AND RECTAL REGIONS	1	1	-	-	-
567	PERITONITIS.	2	-	-	2	-
568	OTHER DISORDERS OF PERITONEUM.	2	2	-	-	-
569	OTHER DISORDERS OF INTESTINE	5	3	-	2	-
570-579	OTHER DISEASES OF DIGESTIVE SYSTEM	123	57	11	47	8
570	ACUTE AND SUBACUTE NECROSIS OF LIVER	2	1	-	1	-
571	CHRONIC LIVER DISEASE AND CIRRHOSIS.	64	30	9	18	7
572	LIVER ABSCESS AND SEQUELAE OF CHRONIC LIVER DISEASE.	9	5	1	3	-
573	OTHER DISORDERS OF LIVER	2	-	1	1	-
574	CHOLELITHIASIS	8	4	-	4	-
575	OTHER DISORDERS OF GALLBLADDER	7	2	-	5	-
576	OTHER DISORDERS OF BILIARY TRACT	2	1	-	1	-
577	DISEASES OF PANCREAS	15	9	-	5	1
578	GASTROINTESTINAL HEMORRHAGE.	13	5	-	8	-
579	INTESTINAL MALABSORPTION	1	-	-	1	-
580-629	DISEASES OF THE GENITOURINARY SYSTEM	86	35	3	46	2
580-589	NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS.	46	19	2	23	2
581	NEPHROTIC SYNDROME	1	-	-	-	1
582	CHRONIC GLOMERULONEPHRITIS	3	2	-	1	-
583	NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC.	2	-	-	2	-
584	ACUTE RENAL FAILURE.	4	3	-	1	-
585	CHRONIC RENAL FAILURE.	7	3	-	4	-
586	RENAL FAILURE, UNSPECIFIED	29	11	2	15	1
590-599	OTHER DISEASES OF URINARY SYSTEM	28	7	1	20	-
590	INFECTIONS OF KIDNEY	9	2	-	7	-
591	HYDRONEPHROSIS	2	1	-	1	-
593	OTHER DISORDERS OF KIDNEY AND URETER	7	2	-	5	-
595	CYSTITIS	1	1	-	-	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1979

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
599	OTHER DISORDERS OF URETHRA AND URINARY TRACT.	9	1	1	7	-
600-608	DISEASES OF MALE GENITAL ORGANS.	9	9	-	-	-
600	HYPERPLASIA OF PROSTATE.	9	9	-	-	-
614-616	INFLAMMATORY DISEASE OF FEMALE PELVIC ORGANS	1	-	-	1	-
615	UTERUS, EXCEPT CERVIX.	1	-	-	1	-
617-629	OTHER DISORDERS OF FEMALE GENITAL TRACT.	2	-	-	2	-
617	ENDOMETRIOSIS.	1	-	-	1	-
620	NONINFLAM. DISORDERS OF OVARY, FALLOPIAN TUBE & BROAD LIGAMENT.	1	-	-	1	-
630-676	COMPLICATIONS OF PREGNANCY CHILDBIRTH AND THE PUERPERIUM	4	-	-	3	1
630-638	PREGNANCY WITH ABORTIVE OUTCOME.	1	-	-	-	1
633	ECTOPIC PREGNANCY.	1	-	-	-	1
650-659	NORMAL DELIVERY & OTHER INDICATIONS FOR CARE IN PREG., LABOR & DELIVERY	1	-	-	1	-
651	MULTIPLE GESTATION	1	-	-	1	-
670-676	COMPLICATIONS OF THE PUERPERIUM.	2	-	-	2	-
671	VENOUS COMPLICATIONS IN PREGNANCY AND THE PUERPERIUM	1	-	-	1	-
673	OBSTETRICAL PULMONARY EMBOLISM	1	-	-	1	-
680-709	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	3	-	-	3	-
690-698	OTHER INFLAMMATORY CONDITIONS OF SKIN AND SUBCUTANEOUS TISSUE.	1	-	-	1	-
695	ERYTHEMATOUS CONDITIONS.	1	-	-	1	-
700-709	OTHER DISEASES OF SKIN & SUBCUTANEOUS TISSUE	2	-	-	2	-
707	CHRONIC ULCER OF SKIN.	2	-	-	2	-
710-739	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE.	23	8	1	14	-
710-719	ARTHROPATHIES AND RELATED DISORDERS.	21	8	1	12	-
710	DIFFUSE DISEASES OF CONNECTIVE TISSUE.	9	3	1	5	-
714	RHEUMATOID ARTHRITIS & OTHER INFLAMMATORY POLYARTHROPATHIES.	9	2	-	7	-
715	OSTEOARTHROSIS AND ALLIED DISORDERS.	1	1	-	-	-
718	OTHER DERANGEMENT OF JOINT	1	1	-	-	-
719	OTHER AND UNSPECIFIED DISORDER OF JOINT.	1	1	-	-	-
730-739	OSTEOPATHIES, CHONDROPATHIES & ACQUIRED MUSCULOSKELETAL DEFORMITIES	2	-	-	2	-
733	OTHER DISORDERS OF BONE AND CARTILAGE.	1	-	-	1	-
737	CURVATURE OF SPINE	1	-	-	1	-
740-759	CONGENITAL ANOMALIES	38	20	1	15	2
740-759	CONGENITAL ANOMALIES	38	20	1	15	2
740	ANENCEPHALUS AND SIMILAR ANOMALIES	1	-	-	1	-
741	SPINA BIFIDA	1	1	-	-	-
742	OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	7	3	1	2	1
745	BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE	3	2	-	1	-
746	OTHER CONGENITAL ANOMALIES OF HEART.	7	4	-	3	-
747	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	5	3	-	2	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1979

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
748	CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	2	1	-	1	-
753	CONGENITAL ANOMALIES OF URINARY SYSTEM	2	2	-	-	-
756	OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES	3	2	-	1	-
758	CHROMOSOMAL ANOMALIES	3	-	-	3	-
759	OTHER & UNSPECIFIED CONGENITAL ANOMALIES	4	2	-	1	1
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	75	33	-	37	5
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	75	33	-	37	5
761	MATERNAL COMPLICATIONS OF PREGNANCY	11	-	-	11	-
762	COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES	7	4	-	3	-
763	OTHER COMPLICATIONS OF LABOR AND DELIVERY	2	-	-	1	1
765	PREMATURITY	10	3	-	7	-
767	BIRTH TRAUMA	7	2	-	4	1
768	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	3	3	-	-	-
769	RESPIRATORY DISTRESS SYNDROME	12	6	-	4	2
770	OTHER RESPIRATORY CONDITIONS OF FETUS AND NEWBORN	7	6	-	1	-
771	INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	4	3	-	1	-
772	FETAL AND NEONATAL HEMORRHAGE	7	2	-	4	1
777	PERINATAL DISORDERS OF DIGESTIVE SYSTEM	1	1	-	-	-
779	ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	4	3	-	1	-
780-799	SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	81	45	2	33	1
797-799	ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY & MORTALITY	81	45	2	33	1
797	SENILITY WITHOUT MENTION OF PSYCHOSIS	10	5	-	4	1
798	SUDDEN DEATH, CAUSE UNKNOWN	30	19	1	10	-
799	OTHER ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY	41	21	1	19	-
800-999	EXTERNAL CAUSES OF INJURY AND POISONING	777	492	73	188	24
800-807	RAILWAY ACCIDENTS	4	-	3	1	-
805	HIT BY ROLLING STOCK	4	-	3	1	-
810-819	MOTOR VEHICLE TRAFFIC ACCIDENTS	296	176	29	80	11
810	COLLISION WITH TRAIN	2	2	-	-	-
811	INVOLVING RE-ENTRANT COLLISION WITH ANOTHER MOTOR VEHICLE	1	-	1	-	-
812	INVOLVING COLLISION WITH ANOTHER MOTOR VEHICLE	107	58	14	35	-
813	INVOLVING COLLISION WITH OTHER VEHICLE	3	3	-	-	-
814	INVOLVING COLLISION WITH PEDESTRIAN	15	9	1	3	2
815	OTHER TRAFFIC ACCIDENT INVOLVING COLLISION ON THE HIGHWAY	41	27	2	10	2
816	LOSS OF CONTROL, WITHOUT COLLISION ON THE HIGHWAY	120	74	10	30	6
817	NONCOLLISION TRAFFIC ACCIDENT WHILE BOARDING OR ALIGHTING	1	-	-	-	1
818	OTHER NONCOLLISION TRAFFIC ACCIDENT	3	2	-	1	-
819	MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE	3	1	1	1	-
820-825	MOTOR VEHICLE NONTRAFFIC ACCIDENTS	17	10	2	4	1
820	INVOLVING MOTOR-DRIVEN SNOW VEHICLE	2	2	-	-	-
822	INVOLVING COLLISION WITH MOVING OBJECT	7	4	1	1	1
823	INVOLVING COLLISION WITH STATIONARY OBJECT	1	1	-	-	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1979

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
825	NONTRAFFIC ACCIDENT OF OTHER AND UNSPECIFIED NATURE	7	3	1	3	-
826-829	OTHER ROAD VEHICLE ACCIDENTS	2	1	1	-	-
828	ACCIDENT INVOLVING ANIMAL BEING RIDDEN	2	1	1	-	-
830-838	WATER TRANSPORT ACCIDENTS.	12	10	-	2	-
830	ACCIDENT TO WATERCRAFT CAUSING SUBMERSION.	8	7	-	1	-
832	OTHER ACCIDENTAL SUBMERSION OR DROWNING IN WATER TRANSPORT	3	2	-	1	-
838	OTHER AND UNSPECIFIED WATER TRANSPORT ACCIDENT	1	1	-	-	-
840-845	AIR AND SPACE TRANSPORT ACCIDENTS.	18	16	-	2	-
840	ACCIDENT TO POWERED AIRCRAFT AT TAKEOFF OR LANDING	4	3	-	1	-
841	ACCIDENT TO POWERED AIRCRAFT, OTHER AND UNSPECIFIED.	12	12	-	-	-
842	ACCIDENT TO UNPOWERED AIRCRAFT	1	-	-	1	-
844	OTHER SPECIFIED AIR TRANSPORT ACCIDENTS.	1	1	-	-	-
850-858	ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS & BIOLOGICALS	6	3	-	2	1
850	BY ANALGESICS, ANTIPYRETICS, ANTIRHEUMATICS	3	1	-	1	1
851	BY BARBITURATES.	1	1	-	-	-
858	BY OTHER DRUGS	2	1	-	1	-
860-869	ACCIDENTAL POISONING BY OTHER SOLID & LIQUID SUBSTANCES, GASES & VAPORS	15	12	2	1	-
860	BY ALCOHOL, NEC.	2	2	-	-	-
867	BY GAS DISTRIBUTED BY PIPELINE	5	3	1	1	-
868	BY OTHER UTILITY GAS AND OTHER CARBON MONOXIDE	7	6	1	-	-
869	BY OTHER GASES AND VAPORS.	1	1	-	-	-
870-876	MISADVENTURES TO PATIENTS DURING SURGICAL AND MEDICAL CARE	1	1	-	-	-
870	ACCIDENTAL CUT, PUNCTURE, PERFORATION OR HEMORRHAGE	1	1	-	-	-
878-879	SURGICAL & MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION	1	-	-	1	-
878	SURGICAL OPERATION AND OTHER SURGICAL PROCEDURES	1	-	-	1	-
880-888	ACCIDENTAL FALLS	81	38	3	40	-
880	FALL ON OR FROM STAIRS OR STEPS.	11	9	-	2	-
881	FALL ON OR FROM LADDERS OR SCAFFOLDING	1	-	-	1	-
882	FALL FROM OR OUT OF BUILDING OR OTHER STRUCTURE.	1	1	-	-	-
883	FALL INTO HOLE OR OTHER OPENING IN SURFACE.	2	1	1	-	-
884	OTHER FALL FROM ONE LEVEL TO ANOTHER	9	5	1	3	-
885	FALL ON SAME LEVEL FROM SLIPPING, TRIPPING OR STUMBLING.	5	3	-	2	-
886	SAME LEVEL FROM COLLISION, PUSHING OR SHOVING, BY OTHER PERSON	2	1	-	1	-
887	FRACTURE, CAUSE UNSPECIFIED.	5	1	1	3	-
888	OTHER AND UNSPECIFIED FALL	45	17	-	28	-
890-899	ACCIDENTS CAUSED BY FIRE AND FLAMES.	28	11	4	12	1
890	CONFLAGRATION IN PRIVATE DWELLING.	15	5	1	8	1
892	CONFLAGRATION NOT IN BUILDING OR STRUCTURE.	4	1	3	-	-
893	IGNITION OF CLOTHING	6	3	-	3	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1979

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
897	CONTROLLED FIRE NOT IN BUILDING OR STRUCTURE	1	1	-	-	-
898	OTHER SPECIFIED FIRE AND FLAMES.	1	1	-	-	-
899	UNSPECIFIED FIRE	1	-	-	1	-
900-909	ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS.	10	5	2	2	1
901	EXCESSIVE COLD	6	2	2	2	-
904	HUNGER, THIRST, EXPOSURE, NEGLECT.	2	1	-	-	1
906	OTHER INJURY CAUSED BY ANIMALS	1	-	-	-	-
907	LIGHTNING.	1	1	-	-	-
910-915	ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION AND FOREIGN BODIES	51	32	9	7	3
910	ACCIDENTAL DROWNING AND SUBMERSION	27	18	5	2	2
911	INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OR SUFFOCATION	16	12	1	3	-
912	INHALATION & ING. OF OTHER OBJECT CAUSING OBSTRUCTION OR SUFFOCATION	3	1	1	1	-
913	ACCIDENTAL MECHANICAL SUFFOCATION.	5	1	2	1	1
916-928	OTHER ACCIDENTS.	52	48	1	2	1
916	STRUCK ACCIDENTALLY BY FALLING OBJECT.	10	10	-	-	-
917	STRIKING AGAINST OR STRUCK ACCIDENTALLY BY OBJECTS OR PERSONS.	4	4	-	-	-
919	ACCIDENTS CAUSED BY MACHINERY.	13	12	-	-	1
920	CAUSED BY CUTTING & PIERCING INSTRUMENTS OR OBJECTS	1	1	-	-	-
921	CAUSED BY EXPLOSION OF PRESSURE VESSEL	2	2	-	-	-
922	CAUSED BY FIREARM MISSILE.	12	9	1	2	-
923	CAUSED BY EXPLOSIVE MATERIAL	1	1	-	-	-
924	HOT SUBSTANCE OR OBJECT, CORROSIVE MATERIAL AND STEAM	1	1	-	-	-
925	ACCIDENT CAUSED BY ELECTRIC CURRENT.	5	5	-	-	-
928	OTHER AND UNSPECIFIED ENVIRONMENTAL AND ACCIDENTAL CAUSES.	3	3	-	-	-
929-929	LATE EFFECTS OF ACCIDENTAL INJURY.	1	-	-	1	-
929	LATE EFFECTS OF ACCIDENTAL INJURY.	1	-	-	1	-
930-949	DRUGS CAUSING ADVERSE EFFECTS IN THERAPEUTIC USE.	1	-	-	1	-
947	OTHER AND UNSPECIFIED DRUGS AND MEDICAMENTS.	1	-	-	1	-
950-959	SUICIDE AND SELFINFLICTED INJURY	123	98	5	19	1
950	SELFINFLICTED POISONING BY SOLID OR LIQUID SUBSTANCES	5	2	-	3	-
951	SELFINFLICTED POISONING BY GASES IN DOMESTIC USE.	1	1	-	-	-
952	SELFINFLICTED POISONING BY OTHER GASES AND VAPORS	11	8	-	3	-
953	SELFINFLICTED INJURY BY HANGING, STRANGULATION AND SUFFOCATION	14	10	2	1	1
954	SELFINFLICTED INJURY BY SUBMERSION (DROWNING)	1	-	-	1	-
955	SELFINFLICTED INJURY BY FIREARMS AND EXPLOSIVES	88	74	3	11	-
956	SELFINFLICTED INJURY BY CUTTING AND PIERCING INSTRUMENTS	2	2	-	-	-
958	SELFINFLICTED INJURY BY OTHER AND UNSPECIFIED MEANS.	1	1	-	-	-
960-969	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS.	39	20	11	6	2
963	ASSAULT BY HANGING AND STRANGULATION	1	1	-	-	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1979

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
965	ASSAULT BY FIREARMS AND EXPLOSIVES	23	13	4	5	1
966	ASSAULT BY CUTTING & PIERCING INSTRUMENT	10	3	6	-	1
967	CHILD BATTERING AND OTHER MALTREATMENT	1	1	-	-	-
968	ASSAULT BY OTHER AND UNSPECIFIED MEANS	4	2	1	1	-
970-978	LEGAL INTERVENTION	3	3	-	-	-
970	INJURY DUE TO LEGAL INTERVENTION BY FIREARMS	3	3	-	-	-
980-989	INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	15	7	1	5	2
980	POISONING BY SOLID OR LIQUID SUBSTANCES	3	2	-	1	-
982	POISONING BY OTHER GASES	2	2	-	-	-
984	SUBMERSION (DROWNING)	2	-	-	2	-
985	INJURY BY FIREARMS AND EXPLOSIVES	4	3	1	-	-
988	INJURY BY OTHER AND UNSPECIFIED MEANS	4	-	-	2	2
990-999	INJURY RESULTING FROM OPERATIONS OF WAR	1	1	-	-	-
999	LATE EFFECTS OF INJURY DUE TO WAR OPERATIONS	1	1	-	-	-

CHART 5

PROPORTION OF DEATHS FROM MAJOR CAUSES: Montana, 1979

(By place of residence)

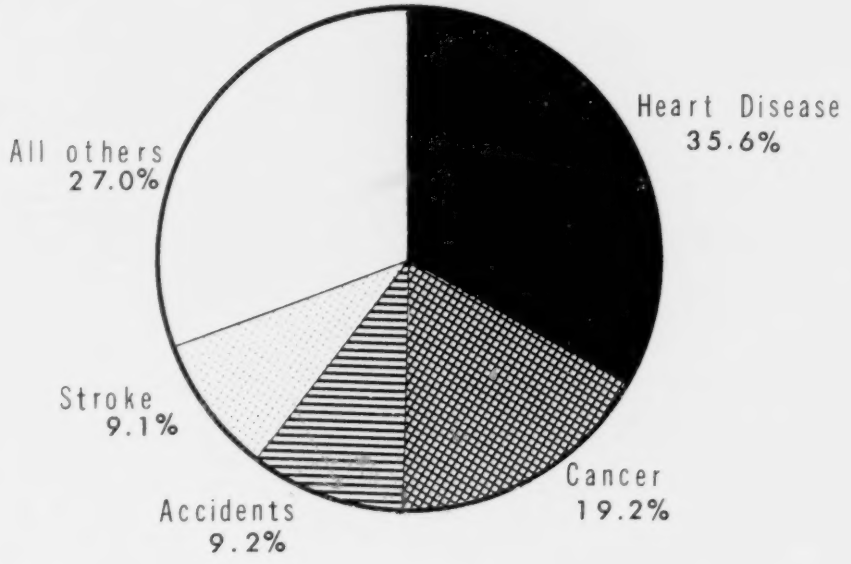
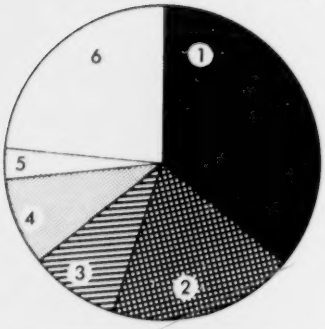


Table 10

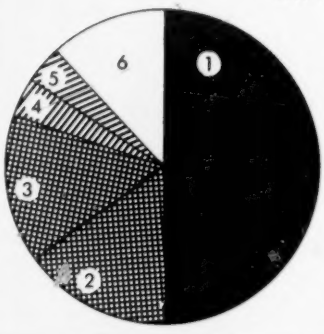
LEADING CAUSES OF DEATH BY AGE GROUP
Montana, 1979
(By Place of Residence)

ALL AGES



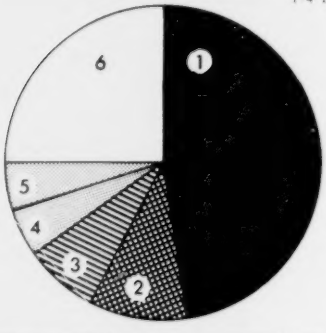
Cause of Death	Number of Deaths
1. Heart Disease	2,302
2. Cancer	1,240
3. Accidents	596
4. Stroke	588
5. Chronic Obstructive Pulmonary Diseases	204
6. Other Causes	1,541
Total Deaths	6,471

UNDER 1 YEAR



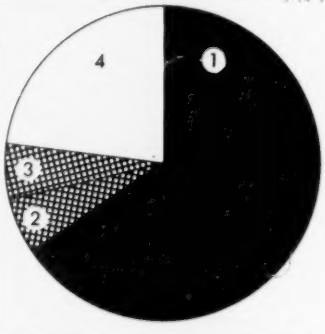
Cause of Death	Number of Deaths
1. Diseases of Early Infancy	75
2. Congenital Anomalies	23
3. Sudden Infant Death	23
4. Accidents	6
5. Pneumonia & Influenza	6
6. Other Causes	18
Total Deaths	151

1-4 YEARS



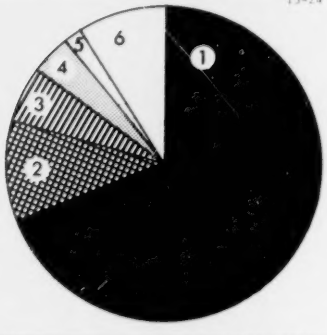
Cause of Death	Number of Deaths
1. Accidents	19
2. Congenital Anomalies	4
3. Bacterial Meningitis	3
4. Heart Disease	2
5. Pneumonia & Influenza	2
6. Other Causes	10
Total Deaths	40

5-14 YEARS



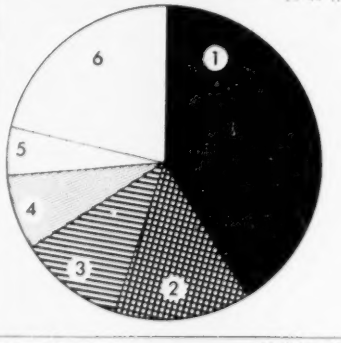
Cause of Death	Number of Deaths
1. Accidents	36
2. Cancer	8
3. Congenital Anomalies	4
4. Other Causes	12
Total Deaths	60

15-24 YEARS



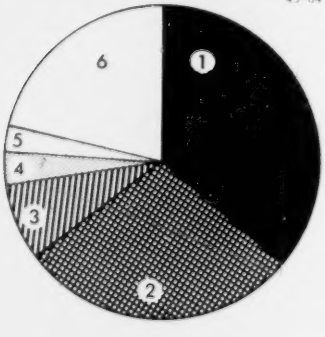
Cause of Death	Number of Deaths
1. Accidents	169
2. Suicide	25
3. Homicide	14
4. Cancer	10
5. Heart Disease	5
6. Other Causes	22
Total Deaths	245

25-44 YEARS



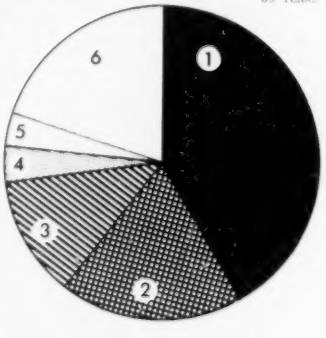
Cause of Death	Number of Deaths
1. Accidents	155
2. Cancer	53
3. Suicide	41
4. Heart Disease	29
5. Cirrhosis of Liver	19
6. Other Causes	81
Total Deaths	378

45-64 YEARS



Cause of Death	Number of Deaths
1. Heart Disease	451
2. Cancer	354
3. Accidents	98
4. Chronic Obstructive Pulmonary Diseases	43
5. Suicide	33
6. Other Causes	268
Total Deaths	1,247

65 YEARS AND OVER



Cause of Death	Number of Deaths
1. Heart Disease	1,812
2. Cancer	820
3. Stroke	541
4. Chronic Obstructive Pulmonary Diseases	160
5. Arteriosclerosis	149
6. Other Causes	875
Total Deaths	4,357

Age of one decedent was not stated.

TABLE 11

DEATHS FROM SELECTED ACCIDENTS BY AGE
MONTANA, 1979

BY PLACE OF OCCURRENCE. EACH PERCENT HAS BEEN INDEPENDENTLY ROUNDED TO THE NEAREST ONE-TENTH OF ONE PERCENT; HENCE, THE SUMS OF PARTS MAY DIFFER SLIGHTLY FROM THE TOTALS SHOWN.

NINTH REVISION INTERNATIONAL LIST NUMBER	ACCIDENTAL CAUSE OF DEATH	TOTAL ALL AGES	UNDER 1 YEAR	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65 AND OVER	AGE NOT STATED
		NUMBER												
	TOTAL DEATHS, ALL CAUSES	6,414	127	40	20	32	132	137	191	184	361	859	4,331	-
	ACCIDENTAL DEATHS, TOTAL	637	6	20	15	19	103	94	99	61	49	56	115	-
810-825	MOTOR VEHICLE, TOTAL	350	1	9	8	8	85	69	59	31	29	24	27	-
800-807,826-949	OTHER ACCIDENTS, TOTAL	287	5	11	7	11	18	25	40	30	20	32	88	-
800-807,826-848	OTHER TRANSPORTATION, TOTAL	39	-	-	1	-	5	5	10	10	4	2	2	-
840-845	AIRCRAFT	25	-	-	1	-	2	1	8	9	3	1	-	-
800-807,826-838 846-848	OTHER	14	-	-	-	-	3	4	2	1	1	1	2	-
850-866	POISONING BY SOLIDS AND LIQUIDS, TOTAL	5	1	-	-	-	-	-	1	1	1	1	-	-
850-858	DRUGS AND MEDICATIONS	3	1	-	-	-	-	-	-	-	1	1	-	-
860-866	OTHER	2	-	-	-	-	-	-	1	1	-	-	-	-
867-869	POISONING BY GASES, TOTAL	14	-	-	-	-	-	2	6	1	-	4	1	-
867-8681	UTILITY GAS	6	-	-	-	-	-	1	2	-	-	2	1	-
8682-8699	OTHER	8	-	-	-	-	-	1	4	1	-	2	-	-
880-888	FALLS, TOTAL	80	-	-	-	1	1	2	3	4	4	7	58	-
880	ON OR FROM STAIRS	11	-	-	-	-	-	-	-	1	1	4	5	-
881	ON OR FROM LADDER	1	-	-	-	-	-	-	-	1	-	-	-	-
882	FROM OR OUT OF BUILDING	2	-	-	-	-	-	1	1	-	-	-	-	-
883	INTO OPENING IN SURFACE	1	-	-	-	-	-	-	-	-	1	-	-	-
884	ONE LEVEL TO ANOTHER	9	-	-	-	1	-	1	1	1	-	1	4	-
885-886	SAME LEVEL	7	-	-	-	-	1	-	1	-	-	-	5	-
887-888	FRACTURE OR FALL, UNSPECIFIED	49	-	-	-	-	-	-	-	1	2	2	44	-
890-899	FIRE AND FLAMES, TOTAL	27	-	4	-	-	2	2	2	2	-	5	10	-
923	EXPLOSIONS, TOTAL	1	-	-	-	-	-	-	1	-	-	-	-	-
922	INJURY BY FIREARMS, TOTAL	13	-	-	-	4	3	1	3	-	1	1	-	-
910	DROWNING, TOTAL	29	-	4	5	1	3	5	2	2	2	2	3	-
916	STRUCK BY FALLING OBJECT, TOTAL	10	-	-	-	-	1	1	3	1	1	2	1	-
919	MACHINERY, TOTAL	14	-	-	1	2	1	4	3	1	1	1	-	-
870-879,900-909 911-915,917-918 920-921,924-949	OTHER ACCIDENTS, TOTAL	55	4	3	-	3	2	3	6		6	7	13	-
		PERCENT OF DEATHS FROM CAUSES												
	ACCIDENTAL DEATHS, TOTAL	9.9	4.7	50.0	75.0	59.4	78.0	68.6	51.8	33.2	13.6	6.5	2.7	0.0
810-825	MOTOR VEHICLE, TOTAL	5.5	0.8	22.5	40.0	25.0	64.4	50.4	30.9	16.8	8.0	2.8	0.6	0.0
800-807,826-949	OTHER ACCIDENTS, TOTAL	4.5	3.9	27.5	35.0	34.4	13.6	18.2	20.9	16.3	5.5	3.7	2.0	0.0

TABLE 12

DEATHS FROM SELECTED CAUSES BY COUNTY
MONTANA, 1979
BY PLACE OF RESIDENCE

COUNTY	NINTH REVISION, INTERNATIONAL LIST NUMBER														
	TOTAL, ALL CAUSES	ACCIDENTS 800-949	APPENDICITIS 540-543	CEREBROVASCULAR DISEASE 430-438	CANCER 140-208	DIABETES 250	HEART DISEASE 390-398 402,404 410-429	INFLUENZA 487	MENINGITIS 320-322	NEPHRITIS 580-589	PNEUMONIA 480-486	POLIOMYELITIS 045,138	SYPHILIS 090-097	TUBERCULOSIS 010-018,137	ALL OTHER CAUSES
MONTANA, TOTAL	6,471	596	1	588	1,240	94	2,302	4	7	46	143	-	-	5	1,445
BEAVERHEAD	66	4	-	4	20	2	18	-	-	1	-	-	-	-	17
BIG HORN	86	13	-	5	15	4	23	-	1	2	3	-	-	1	19
BLAINE	65	6	-	6	8	-	15	-	-	3	3	-	-	-	24
BROADWATER	24	1	-	-	8	-	9	-	-	-	-	-	-	-	6
CARBON	98	3	-	16	29	-	31	-	-	-	2	-	-	-	17
CARTER	20	4	-	2	1	-	8	-	-	1	-	-	-	-	4
CASCADE	658	61	-	48	132	8	255	-	1	4	13	-	-	-	136
CHOUTEAU	47	3	-	2	7	-	25	-	-	-	-	-	-	-	10
CUSTER	141	9	-	22	24	-	58	-	-	-	2	-	-	-	26
DANIELS	32	1	-	4	7	5	8	-	-	-	-	-	-	-	7
DAWSON	88	7	-	4	17	2	43	-	1	-	2	-	-	-	12
DEER LODGE	161	8	-	16	25	2	66	-	-	1	2	-	-	1	40
FALLON	28	3	-	4	5	-	9	-	-	1	-	-	-	-	6
FERGUS	156	14	-	14	26	1	46	1	1	-	3	-	-	-	50
FLATHEAD	421	37	-	36	86	3	157	-	-	1	9	-	-	-	92
GALLATIN	228	15	-	26	39	7	82	1	1	3	2	-	-	1	51
GARFIELD	11	1	-	-	1	1	4	-	-	1	-	-	-	-	3
GLACIER	107	23	-	5	11	-	35	-	-	2	-	-	-	-	31
GOLDEN VALLEY	13	3	-	-	2	-	6	-	-	-	-	-	-	-	2
GRANITE	30	3	-	2	5	-	13	-	-	-	-	-	-	-	7
HILL	138	14	-	7	18	-	69	-	-	-	5	-	-	-	25
JEFFERSON	52	4	-	6	11	-	12	-	-	2	-	-	-	-	17
JUDITH BASIN	26	-	-	2	6	1	9	-	-	-	-	-	-	-	8
LAKE	189	21	-	27	41	5	60	-	-	1	3	-	-	-	31
LEWIS & CLARK	334	37	-	23	63	6	108	1	-	1	9	-	-	-	86
LIBERTY	13	2	-	1	-	1	5	-	-	-	-	-	-	-	4
LINCOLN	104	13	-	7	16	-	46	-	-	-	4	-	-	-	22
MCCONE	25	1	-	3	6	2	9	-	-	-	-	-	-	-	4
MADISON	83	7	-	7	23	1	18	-	-	-	-	-	-	-	23
MEAGHER	19	1	-	3	2	-	8	-	-	-	-	-	-	-	5
MINERAL	37	7	-	1	4	1	13	-	-	-	1	-	-	-	9
MISSOULA	450	58	-	42	72	6	150	-	-	2	13	-	-	1	107
MUSSELSHELL	54	5	-	2	14	1	24	-	-	-	1	-	-	-	7
PARK	125	9	-	13	22	2	51	-	-	-	3	-	-	-	25
PETROLEUM	3	-	-	-	1	-	2	-	-	-	-	-	-	-	-

TABLE 12, CONTINUED

DEATHS FROM SELECTED CAUSES BY COUNTY
MONTANA, 1979
BY PLACE OF RESIDENCE

COUNTY	TOTAL, ALL CAUSES	NINTH REVISION, INTERNATIONAL LIST NUMBER													ALL OTHER CAUSES
		ACCIDENTS 800-949	APPENDICITIS 540-543	CEREBROVASCULAR DISEASE 430-438	CANCER 140-208	DIABETES 250	HEART DISEASE 390-398 402,404 410-429	INFLUENZA 487	MENINGITIS 320-322	NEPHRITIS 580-589	PNEUMONIA 480-486	POLIOMYELITIS 045,138	SYPHILIS 090-097	TUBERCULOSIS 010-018,137	
PHILLIPS	56	5	-	4	13	-	17	-	-	-	2	-	-	-	15
PONDERA	55	6	-	4	16	2	14	-	-	1	2	-	-	-	10
POWDER RIVER	17	-	-	3	3	-	6	-	-	-	-	-	-	-	5
POWELL	66	7	-	1	17	1	26	-	-	-	1	-	-	-	13
PRAIRIE	18	-	-	-	6	1	11	-	-	-	-	-	-	-	-
RAVALLI	200	15	-	24	44	4	74	-	-	2	4	-	-	-	33
RICHLAND	91	12	-	9	18	3	26	1	-	2	1	-	-	-	19
ROOSEVELT	99	16	-	3	12	2	38	-	-	3	2	-	-	-	23
ROSEBUD	72	14	-	5	6	2	16	-	1	-	7	-	-	-	21
SANDERS	74	8	-	13	11	-	19	-	-	2	4	-	-	-	17
SHERIDAN	48	5	1	2	14	-	12	-	-	-	4	-	-	-	10
SILVER BOW	513	39	-	47	106	5	198	-	-	3	10	-	-	1	104
STILLWATER	62	7	-	5	15	4	17	-	-	-	4	-	-	-	10
SWEET GRASS	28	-	-	8	2	-	11	-	-	-	-	-	-	-	7
TETON	59	5	-	6	13	-	18	-	-	1	1	-	-	-	15
TOOLE	38	2	-	3	10	-	12	-	-	-	1	-	-	-	10
TREASURE	6	1	-	-	-	-	3	-	-	-	-	-	-	-	2
VALLEY	85	9	-	6	11	-	31	-	-	2	4	-	-	-	22
WHEATLAND	28	-	-	4	6	-	10	-	-	-	-	-	-	-	8
WIBAUX	15	1	-	2	3	-	6	-	-	-	-	-	-	-	3
YELLOWSTONE	709	46	-	79	147	9	242	-	1	4	16	-	-	-	165

TABLE 13

INFANT MORTALITY BY RACE AND AGE GROUP AND FIVE-YEAR INFANT MORTALITY RATES

MONTANA COUNTIES, 1979
BY PLACE OF RESIDENCE

COUNTY	TOTAL UNDER 1 YEAR			UNDER 28 DAYS			1-11 MONTHS			INFANT MORTALITY RATE* 1975-1979
	TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER	
MONTANA, TOTAL	151	133	18	100	94	6	51	39	12	13.5
BEAVERHEAD	3	3	-	2	2	-	1	1	-	10.1
BIG HORN	3	-	3	1	-	1	2	-	2	19.9
BLAINE	3	2	1	2	2	-	1	-	1	8.7
BROADWATER	2	2	-	2	2	-	-	-	-	25.6
CARBON	3	3	-	1	1	-	2	2	-	7.9
CARTER	1	1	-	-	-	-	1	1	-	8.5
CASCADE	17	16	1	15	14	1	2	2	-	15.2
CHOUTEAU	1	1	-	1	1	-	-	-	-	16.7
CUSTER	2	2	-	2	2	-	-	-	-	12.2
DANIELS	1	1	-	1	1	-	-	-	-	7.4
DAWSON	2	2	-	2	2	-	-	-	-	13.4
DEER LODGE	1	1	-	1	1	-	-	-	-	12.0
FALLON	-	-	-	-	-	-	-	-	-	2.9
FERGUS	4	4	-	3	3	-	1	1	-	11.4
FLATHEAD	12	11	1	8	7	1	4	4	-	16.4
GALLATIN	7	7	-	3	3	-	4	4	-	10.9
GARFIELD	-	-	-	-	-	-	-	-	-	0.0
GLACIER	5	1	4	1	-	1	4	1	3	24.2
GOLDEN VALLEY	-	-	-	-	-	-	-	-	-	0.0
GRANITE	-	-	-	-	-	-	-	-	-	28.4
HILL	1	1	-	1	1	-	-	-	-	11.6
JEFFERSON	3	3	-	3	3	-	-	-	-	23.5
JUDITH BASIN	-	-	-	-	-	-	-	-	-	6.1
LAKE	3	2	1	1	1	-	2	1	1	13.9
LEWIS & CLARK	5	5	-	3	3	-	2	2	-	12.1
LIBERTY	-	-	-	-	-	-	-	-	-	13.6
LINCOLN	3	3	-	3	3	-	-	-	-	9.2
MCCONE	1	1	-	1	1	-	-	-	-	21.6
MADISON	2	2	-	2	2	-	-	-	-	8.2
MEAGHER	-	-	-	-	-	-	-	-	-	20.9
MINERAL	2	2	-	1	1	-	1	1	-	14.2
MISSOULA	9	9	-	4	4	-	5	5	-	10.5
MUSSELSHELL	1	1	-	-	-	-	1	1	-	21.5
PARK	3	3	-	2	2	-	1	1	-	10.8
PETROLEUM	-	-	-	-	-	-	-	-	-	0.0
PHILLIPS	2	2	-	1	1	-	1	1	-	15.0
PONDERA	1	1	-	-	-	-	1	1	-	14.9
POWDER RIVER	1	1	-	1	1	-	-	-	-	4.0
POWELL	-	-	-	-	-	-	-	-	-	20.3
PRAIRIE	-	-	-	-	-	-	-	-	-	6.7
RAVALLI	2	2	-	1	1	-	1	1	-	11.5
RICHLAND	1	1	-	1	1	-	-	-	-	13.4
ROOSEVELT	3	2	1	2	2	-	1	-	1	19.9
ROSEBUD	6	2	4	3	2	1	3	-	3	16.7
SANDERS	2	1	1	1	-	1	1	1	-	19.7
SHERIDAN	1	1	-	1	1	-	-	-	-	9.4
SILVER BOW	5	5	-	5	5	-	-	-	-	17.3
STILLWATER	1	1	-	1	1	-	-	-	-	15.1
SWEET GRASS	-	-	-	-	-	-	-	-	-	4.1
TETON	-	-	-	-	-	-	-	-	-	14.6
TOOLE	2	2	-	2	2	-	-	-	-	8.2
TREASURE	1	1	-	1	1	-	-	-	-	11.4
VALLEY	-	-	-	-	-	-	-	-	-	8.3
WHEATLAND	2	2	-	2	2	-	-	-	-	25.0
WIBAUX	1	-	1	-	-	-	1	-	1	16.8
YELLOWSTONE	20	20	-	12	12	-	8	8	-	11.6

* NUMBER OF DEATHS UNDER ONE YEAR OF AGE PER 1,000 LIVE BIRTHS.

TABLE 14

INFANT MORTALITY FROM SELECTED CAUSES BY AGE GROUP

MONTANA, 1979

EXCLUSIVE OF FETAL DEATHS, BY PLACE OF RESIDENCE

NINTH REVISION INTERNATIONAL LIST NUMBER	CAUSE OF DEATH	TOTAL UNDER 1 YEAR			UNDER 28 DAYS			1-11 MONTHS		
		TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER
	TOTAL, ALL CAUSES.	151	133	18	100	94	6	51	39	12
	PRENATAL AND NATAL CAUSES, TOTAL .	98	91	7	90	84	6	8	7	1
740-759	CONGENITAL ANOMALIES	23	21	2	17	16	1	6	5	1
760-761, 763-764	MATERNAL CONDITIONS OF PREGNANCY AND CHILDBIRTH. . . .	13	12	1	13	12	1	-	-	-
762	COMPLICATIONS OF PLACENTA, CORD AND MEMBRANES.	7	7	-	7	7	-	-	-	-
765	IMMATURITY	10	10	-	10	10	-	-	-	-
767	BIRTH TRAUMA	7	6	1	7	6	1	-	-	-
768	HYPOXIA AND BIRTH ASPHYXIA . . .	3	3	-	3	3	-	-	-	-
769	RESPIRATORY DISTRESS SYNDROME. .	12	10	2	12	10	2	-	-	-
771	INFECTIONS SPECIFIC TO PERINATAL PERIOD.	4	4	-	3	3	-	1	1	-
772	FETAL AND NEONATAL HEMORRHAGE. .	7	6	1	7	6	1	-	-	-
766,770 773-779	OTHER CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	12	12	-	11	11	-	1	1	-
7980	SUDDEN INFANT DEATH SYNDROME, TOTAL	23	22	1	3	3	-	20	19	1
	INFECTIONS, TOTAL.	8	4	4	2	2	-	6	2	4
008-009,535, 555-558	CERTAIN GASTROINTESTINAL DISEASES.	2	1	1	-	-	-	2	1	1
480-487	PNEUMONIA AND INFLUENZA.	6	3	3	2	2	-	4	1	3
	VIOLENT AND ACCIDENTAL DEATHS, TOTAL	8	5	3	1	1	-	7	4	3
810-825	MOTOR VEHICAL ACCIDENTS.	1	1	-	-	-	-	1	1	-
911-913	SUFFOCATION.	4	2	2	1	1	-	3	1	2
800-807,826-910 914-949,960-969 980-989	OTHER VIOLENT AND ACCIDENTAL DEATHS	3	2	1	-	-	-	3	2	1
	ALL OTHER CAUSES	14	11	3	4	4	-	10	7	3

TABLE 15

COMMUNICABLE DISEASE HISTORICAL MORTALITY STATISTICS

MONTANA, 1910-1979

YEAR	DIPHTHERIA		INFLUENZA		MEASLES		MENINGOCOCCAL INFECTION		POLIOMYELITIS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
1910	61	16.2	24	6.4	16	4.3	1	0.3	17	4.5
1915	21	4.5	41	8.8	7	1.5	7	1.5	1	0.2
1920	32	5.8	304	55.4	27	4.9	15	2.7	5	0.9
1925	34	6.3	109	20.1	5	0.9	5	0.9	6	1.1
1926	18	3.3	241	44.5	21	3.9	20	3.7	5	0.9
1927	20	3.7	147	27.2	30	5.5	66	12.2	4	0.7
1928	20	3.7	366	67.8	8	1.5	65	12.0	10	1.9
1929	12	2.2	212	39.4	46	8.5	60	11.1	-	0.0
1930	4	0.7	102	19.0	12	2.2	22	4.1	6	1.1
1931	7	1.3	152	28.1	3	0.6	13	2.4	15	2.8
1932	2	0.4	190	35.0	12	2.2	5	0.9	4	0.7
1933	17	3.1	173	31.8	15	2.8	3	0.6	2	0.4
1934	10	1.8	122	22.3	30	5.5	7	1.3	14	2.6
1935	14	2.5	173	31.5	49	8.9	15	2.7	1	0.2
1936	10	1.8	101	18.3	3	0.5	23	4.2	5	0.9
1937	10	1.8	244	44.1	2	0.4	7	1.3	6	1.1
1938	9	1.6	81	14.6	12	2.2	9	1.6	3	0.5
1939	3	0.5	99	17.7	16	2.9	4	0.7	1	0.2
1940	6	1.1	77	13.8	5	0.9	6	1.1	7	1.3
1941	13	2.5	90	17.0	1	0.2	5	0.9	9	1.7
1942	5	1.0	26	5.2	-	0.0	7	1.4	-	0.0
1943	5	1.1	58	12.3	6	1.3	5	1.1	10	2.1
1944	6	1.2	50	10.3	13	2.7	3	0.6	6	1.2
1945	4	0.8	47	9.3	1	0.2	3	0.6	10	2.0
1946	5	1.0	25	4.8	3	0.6	3	0.6	5	1.0
1947	2	0.4	33	6.1	13	2.4	3	0.6	4	0.7
1948	3	0.5	13	2.3	12	2.2	1	0.2	6	1.1
1949	3	0.5	13	2.3	3	0.5	3	0.5	13	2.3
1950	2	0.3	23	3.9	-	0.0	1	0.2	3	0.5
1951	-	0.0	30	5.0	9	1.5	5	0.8	6	1.0
1952	1	0.2	22	3.7	4	0.7	4	0.7	8	1.3
1953	3	0.5	59	9.6	4	0.6	2	0.3	14	2.3
1954	3	0.5	6	1.0	5	0.8	6	1.0	9	1.4
1955	1	0.2	12	1.9	4	0.6	5	0.8	8	1.3
1956	1	0.2	4	0.6	1	0.2	7	1.1	-	0.0
1957	1	0.1	25	3.7	3	0.4	3	0.4	2	0.3
1958	-	0.0	14	2.1	2	0.3	4	0.6	5	0.8
1959	-	0.0	15	2.2	5	0.7	3	0.4	2	0.3
1960	-	0.0	37	5.5	1	0.1	3	0.4	7	1.0
1961	-	0.0	8	1.2	1	0.1	1	0.1	1	0.1
1962	-	0.0	12	1.7	-	0.0	4	0.6	-	0.0
1963	-	0.0	31	4.4	-	0.0	3	0.4	-	0.0
1964	-	0.0	29	4.1	2	0.3	2	0.3	-	0.0
1965	-	0.0	5	0.7	-	0.0	3	0.4	-	0.0
1966	-	0.0	49	7.0	-	0.0	2	0.3	-	0.0
1967	-	0.0	3	0.4	-	0.0	2	0.3	-	0.0
1968	-	0.0	30	4.3	-	0.0	2	0.3	1	0.1
1969	-	0.0	38	5.5	2	0.3	2	0.3	-	0.0
1970	2	0.3	8	1.2	-	0.0	1	0.1	-	0.0
1971	-	0.0	9	1.3	2	0.3	2	0.3	1	0.1
1972	-	0.0	15	2.1	-	0.0	2	0.3	-	0.0
1973	-	0.0	43	6.0	-	0.0	2	0.3	-	0.0
1974	-	0.0	11	1.5	-	0.0	1	0.1	1	0.1
1975	-	0.0	17	2.3	-	0.0	-	0.0	1	0.1
1976	-	0.0	95	12.6	-	0.0	-	0.0	-	0.0
1977	-	0.0	9	1.2	-	0.0	2	0.3	-	0.0
1978	-	0.0	19	2.4	-	0.0	2	0.3	1	0.1
1979	-	0.0	4	0.5	-	0.0	4	0.5	-	0.0

*DEATHS PER 100,000 ESTIMATED MIDYEAR POPULATION
DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. DATA FOR 1946-79 ARE BY PLACE OF RESIDENCE.

TABLE 15, CONTINUED

COMMUNICABLE DISEASE HISTORICAL MORTALITY STATISTICS

MONTANA, 1910-1979, CONTINUED

YEAR	SCARLET FEVER		SMALLPOX		TUBERCULOSIS		TYPHOID FEVER		WHOOPING COUGH	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
1910	61	16.2	2	0.5	340	90.4	151	40.2	41	10.9
1915	16	3.4	1	0.2	530	113.2	57	12.2	36	7.7
1920	22	4.0	2	0.4	419	76.4	27	4.9	51	9.3
1925	21	3.9	-	0.0	396	73.0	24	4.4	63	11.6
1926	25	4.6	1	0.2	377	69.6	14	2.6	45	8.3
1927	32	5.9	1	0.2	373	69.0	15	2.8	15	2.8
1928	10	1.9	4	0.7	357	66.2	16	3.0	49	9.1
1929	16	3.0	1	0.2	357	66.3	32	5.9	21	3.9
1930	15	2.8	1	0.2	337	62.7	16	3.0	16	3.0
1931	11	2.0	-	0.0	329	60.9	12	2.2	46	8.5
1932	7	1.3	-	0.0	307	56.6	13	2.4	22	4.1
1933	12	2.2	-	0.0	282	51.8	14	2.6	15	2.8
1934	11	2.0	-	0.0	265	48.5	17	3.1	24	4.4
1935	22	4.0	1	0.2	257	46.8	12	2.2	22	4.0
1936	44	8.0	3	0.5	221	40.1	8	1.5	16	2.9
1937	12	2.2	2	0.4	241	43.5	11	2.0	14	2.5
1938	9	1.6	1	0.2	241	43.4	5	0.9	47	8.5
1939	8	1.4	-	0.0	248	44.5	1	0.2	16	2.9
1940	7	1.3	-	0.0	231	41.3	3	0.5	5	0.9
1941	9	1.7	-	0.0	214	40.4	2	0.4	6	1.1
1942	3	0.6	-	0.0	201	40.2	1	0.2	12	2.4
1943	3	0.6	-	0.0	206	43.8	4	0.9	18	3.8
1944	2	0.4	-	0.0	175	35.9	1	0.2	10	2.1
1945	1	0.2	-	0.0	171	33.9	2	0.4	2	0.4
1946	-	0.0	-	0.0	164	31.4	2	0.4	2	0.4
1947	-	0.0	-	0.0	152	28.2	1	0.2	6	1.1
1948	-	0.0	-	0.0	146	26.2	-	0.0	6	1.1
1949	4	0.7	-	0.0	109	19.0	1	0.2	2	0.3
1950	-	0.0	-	0.0	114	19.3	-	0.0	10	1.7
1951	-	0.0	-	0.0	85	14.3	1	0.2	1	0.2
1952	-	0.0	-	0.0	79	13.1	1	0.2	1	0.2
1953	1	0.2	-	0.0	77	12.5	-	0.0	4	0.6
1954	-	0.0	-	0.0	62	9.9	-	0.0	1	0.2
1955	-	0.0	-	0.0	50	7.9	-	0.0	1	0.2
1956	-	0.0	-	0.0	48	7.3	-	0.0	1	0.2
1957	-	0.0	-	0.0	68	10.2	-	0.0	2	0.3
1958	-	0.0	-	0.0	45	6.8	-	0.0	-	0.0
1959	-	0.0	-	0.0	37	5.5	-	0.0	-	0.0
1960	-	0.0	-	0.0	31	4.6	-	0.0	1	0.1
1961	-	0.0	-	0.0	24	3.5	1	0.1	-	0.0
1962	-	0.0	-	0.0	32	4.5	-	0.0	-	0.0
1963	-	0.0	-	0.0	27	3.8	-	0.0	-	0.0
1964	-	0.0	-	0.0	28	4.0	1	0.1	-	0.0
1965	-	0.0	-	0.0	22	3.1	-	0.0	-	0.0
1966	-	0.0	-	0.0	21	3.0	-	0.0	-	0.0
1967	-	0.0	-	0.0	17	2.4	-	0.0	-	0.0
1968	-	0.0	-	0.0	15	2.2	-	0.0	-	0.0
1969	-	0.0	-	0.0	16	2.3	-	0.0	-	0.0
1970	-	0.0	-	0.0	12	1.7	-	0.0	-	0.0
1971	-	0.0	-	0.0	10	1.4	-	0.0	1	0.1
1972	-	0.0	-	0.0	11	1.5	-	0.0	-	0.0
1973	-	0.0	-	0.0	13	1.8	-	0.0	-	0.0
1974	-	0.0	-	0.0	17	2.3	-	0.0	-	0.0
1975	-	0.0	-	0.0	13	1.7	-	0.0	-	0.0
1976	-	0.0	-	0.0	9	1.2	-	0.0	-	0.0
1977	-	0.0	-	0.0	4	0.5	-	0.0	-	0.0
1978	-	0.0	-	0.0	11	1.4	-	0.0	-	0.0
1979	-	0.0	-	0.0	5	0.6	-	0.0	-	0.0

*DEATHS PER 100,000 ESTIMATED MIDYEAR POPULATION
DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. DATA FOR 1946-79 ARE BY PLACE OF RESIDENCE.

TABLE 16

SELECTED CAUSE-SPECIFIC DEATH RATES

MONTANA, 1910-1979

YEAR	ACCIDENTS						ALCOHOLISM		CANCER	
	TOTAL		MOTOR VEHICLE		OTHER					
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
1910	514	136.7	5	1.3	509	135.4	56	14.9	157	41.7
1915	556	118.8	31	6.6	525	112.2	66	14.1	223	47.6
1920	473	86.3	45	8.2	428	78.1	10	1.8	282	51.4
1925	505	93.0	98	18.1	407	75.0	41	7.6	379	69.8
1926	477	88.0	101	18.6	376	69.4	27	5.0	401	74.0
1927	506	93.6	77	14.2	429	79.4	58	10.7	414	76.6
1928	568	105.3	139	25.8	429	79.5	48	8.9	449	83.2
1929	526	97.7	126	23.4	400	74.3	60	11.1	467	86.7
1930	498	92.6	106	19.7	392	72.9	69	12.8	424	78.9
1931	510	94.4	127	23.5	383	70.9	33	6.1	420	77.7
1932	442	81.5	98	18.1	344	63.4	15	2.8	513	94.6
1933	508	93.3	119	21.8	389	71.4	24	4.4	508	93.3
1934	576	105.3	209	28.2	367	67.1	20	3.7	477	87.2
1935	552	100.5	161	29.3	391	71.2	14	2.5	528	96.2
1936	660	119.7	174	31.6	486	88.2	25	4.5	567	102.9
1937	599	108.2	177	32.0	422	76.2	32	5.8	566	102.3
1938	587	105.6	143	25.7	444	79.9	27	4.9	557	100.2
1939	531	95.2	149	26.7	382	68.5	23	4.1	643	115.3
1940	539	96.3	154	27.5	385	68.8	41	7.3	640	114.4
1941	548	103.4	182	34.3	366	69.1	19	3.6	644	121.5
1942	468	93.6	105	21.0	363	72.6	16	3.2	643	128.6
1943	580	123.4	87	18.5	493	104.9	12	2.6	613	130.4
1944	494	101.4	106	21.8	388	79.6	7	1.4	681	139.7
1945	498	98.7	118	23.4	380	75.3	13	2.6	658	130.4
1946	517	99.1	166	31.8	351	67.3	15	2.9	662	126.8
1947	537	99.6	157	29.1	380	70.5	19	3.5	712	132.0
1948	575	103.3	165	29.6	410	73.7	14	2.5	724	130.1
1949	552	96.2	152	26.5	400	69.7	17	3.0	729	127.0
1950	545	92.2	190	32.1	355	60.1	14	2.4	733	124.0
1951	525	88.1	187	31.4	338	56.7	17	2.9	726	121.8
1952	564	93.7	235	39.0	329	54.7	13	2.2	798	132.6
1953	534	86.7	228	37.0	306	49.7	17	2.8	809	131.3
1954	531	85.1	219	35.1	312	50.0	19	3.0	871	139.6
1955	549	86.3	239	37.6	310	48.7	28	4.4	829	130.3
1956	574	87.5	265	40.4	309	47.1	22	3.4	931	141.9
1957	541	81.1	219	32.8	322	48.3	20	3.0	873	130.9
1958	497	74.6	206	30.9	291	43.7	18	2.7	838	125.8
1959	565	84.4	258	38.6	307	45.9	15	2.2	920	137.5
1960	510	75.6	226	33.5	284	42.1	13	1.9	958	142.0
1961	518	76.0	270	39.6	248	36.4	18	2.6	965	141.5
1962	550	77.6	232	32.7	318	44.9	19	2.7	911	128.5
1963	517	73.1	218	30.8	299	42.3	12	1.7	896	126.7
1964	648	91.9	250	35.5	398	56.5	13	1.8	986	139.9
1965	591	83.7	268	38.0	323	45.8	14	2.0	933	132.2
1966	560	79.8	265	37.7	295	42.0	24	3.4	969	138.0
1967	607	86.6	318	45.4	289	41.2	12	1.7	1,004	143.2
1968	535	77.2	262	37.8	273	39.4	29	4.2	1,080	155.8
1969	635	91.5	329	47.4	306	44.1	10	1.4	1,041	150.0
1970	571	82.2	290	41.8	281	40.5	25	3.6	1,059	152.5
1971	609	85.8	310	43.7	299	42.1	19	2.7	1,050	147.9
1972	635	88.3	360	50.1	275	38.2	17	2.4	1,122	156.1
1973	611	84.7	324	44.9	287	39.8	20	2.8	1,061	147.2
1974	559	76.1	272	37.0	287	39.0	14	1.9	1,130	153.7
1975	584	78.1	282	37.7	302	40.4	28	3.7	1,105	147.7
1976	579	76.9	291	38.6	288	38.2	23	3.1	1,191	158.2
1977	574	75.4	302	39.7	272	35.7	25	3.3	1,184	155.6
1978	558	71.1	276	35.2	282	35.9	23	2.9	1,233	157.1
1979	596	75.8	313	39.8	283	36.0	22	2.8	1,240	157.8

*DEATHS PER 100,000 ESTIMATED MIDYEAR POPULATION
DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. DATA FOR 1946-79 ARE BY PLACE OF RESIDENCE.

TABLE 16, CONTINUED

SELECTED CAUSE-SPECIFIC DEATH RATES

MONTANA, 1910-1979, CONTINUED

YEAR	DIABETES		HEART DISEASE		HOMICIDE		NEPHRITIS		PNEUMONIA		SUICIDE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
1910	38	10.1	257	68.3	37	9.8	222	59.0	282	75.0	81	21.5
1915	65	13.9	407	87.0	53	11.3	339	72.4	511	109.2	103	22.0
1920	60	10.9	428	78.1	46	8.4	273	49.8	576	105.0	86	15.7
1925	64	11.8	672	123.8	51	9.4	301	55.4	437	80.5	102	18.8
1926	76	14.0	695	128.3	45	8.3	326	60.2	501	92.5	92	17.0
1927	71	13.1	815	150.7	37	6.8	325	60.1	372	68.8	113	20.9
1928	97	18.0	864	160.1	44	8.2	333	61.7	458	84.9	110	20.4
1929	82	15.2	809	150.3	54	10.0	395	73.4	439	81.5	116	21.5
1930	87	16.2	759	141.2	57	10.6	395	73.5	425	79.1	136	25.3
1931	83	15.4	915	169.3	39	7.2	336	62.2	384	71.1	126	23.3
1932	87	16.0	1,065	196.3	45	8.3	348	64.1	348	64.1	125	23.0
1933	91	16.7	1,087	199.6	30	5.5	315	57.8	321	58.9	114	20.9
1934	119	21.8	1,117	204.2	39	7.1	350	64.0	416	76.1	104	19.0
1935	112	20.4	1,299	236.6	34	6.2	355	64.7	674	122.8	96	17.5
1936	125	22.7	1,248	226.4	26	4.7	347	62.9	631	114.5	102	18.5
1937	118	21.3	1,395	252.1	27	4.9	305	55.1	528	95.4	101	18.2
1938	118	21.2	1,308	235.4	26	4.7	314	56.5	355	63.9	103	18.5
1939	112	20.1	1,486	266.4	27	4.8	327	58.6	310	55.6	106	19.0
1940	109	19.5	1,447	258.6	29	5.2	295	52.7	321	57.4	120	21.4
1941	110	20.8	1,485	280.2	18	3.4	272	51.3	262	49.4	93	17.5
1942	108	21.6	1,577	315.4	17	3.4	284	56.8	235	47.0	98	19.6
1943	116	24.7	1,564	332.7	15	3.2	271	57.7	248	52.8	68	14.5
1944	126	25.9	1,660	340.7	13	2.7	292	59.9	250	51.3	53	10.9
1945	129	25.6	1,603	317.7	19	3.8	279	55.3	196	38.8	79	15.7
1946	137	26.3	1,629	312.1	22	4.2	276	52.9	235	45.0	98	18.8
1947	130	24.1	1,690	313.4	14	2.6	266	49.3	223	41.4	96	17.8
1948	118	21.2	1,803	324.0	15	2.7	247	44.4	189	34.0	88	15.8
1949	102	17.8	2,002	348.9	21	3.7	129	22.5	144	25.1	89	15.5
1950	49	8.3	1,957	331.1	24	4.1	80	13.5	157	26.6	123	20.8
1951	58	9.7	2,159	362.2	15	2.5	85	14.3	121	20.3	85	14.3
1952	83	13.8	2,032	337.5	17	2.8	120	19.9	147	24.4	84	14.0
1953	73	11.9	2,164	351.3	23	3.7	77	12.5	180	29.2	106	17.2
1954	95	15.2	2,128	341.0	29	4.6	90	14.4	179	28.7	104	16.7
1955	108	17.0	2,116	332.7	21	3.3	94	14.8	155	24.4	79	12.4
1956	98	14.9	2,165	330.0	32	4.9	83	12.7	211	32.2	98	14.9
1957	118	17.7	2,290	343.3	23	3.4	71	10.6	249	37.3	105	15.7
1958	109	16.4	2,244	336.9	17	2.6	53	8.0	260	39.0	101	15.2
1959	123	18.4	2,382	356.0	29	4.3	58	8.7	231	34.5	97	14.5
1960	102	15.1	2,332	345.6	25	3.7	51	7.6	227	33.6	107	15.9
1961	117	17.2	2,269	332.7	21	3.1	41	6.0	219	32.1	96	14.1
1962	121	17.1	2,204	310.9	21	3.0	63	8.9	195	27.5	110	15.5
1963	125	17.7	2,340	331.0	22	3.1	42	5.9	218	30.8	115	16.3
1964	139	19.7	2,368	335.9	30	4.3	45	6.4	226	32.1	80	11.3
1965	114	16.1	2,297	325.4	20	2.8	35	5.0	198	28.0	94	13.3
1966	106	15.1	2,415	344.0	23	3.3	42	6.0	230	32.8	96	13.7
1967	143	20.4	2,297	327.7	31	4.4	38	5.4	196	28.0	100	14.3
1968	119	17.2	2,223	320.8	25	3.6	20	2.9	213	30.7	97	14.0
1969	117	16.9	2,297	331.0	31	4.5	21	3.0	201	29.0	91	13.1
1970	111	16.0	2,229	321.0	30	4.3	26	3.7	213	30.7	79	11.4
1971	120	16.9	2,339	329.4	43	6.1	19	2.7	210	29.6	117	16.5
1972	135	18.8	2,294	319.1	32	4.5	17	2.4	220	30.6	87	12.1
1973	126	17.5	2,300	319.0	46	6.4	27	3.7	236	32.7	108	15.0
1974	103	14.0	2,202	299.6	44	6.0	20	2.7	192	26.1	122	16.6
1975	122	16.3	2,178	291.2	42	5.6	19	2.5	185	24.7	112	15.0
1976	100	13.3	2,178	289.2	38	5.0	17	2.3	207	27.5	129	17.1
1977	89	11.7	2,149	282.4	53	7.0	24	3.2	144	18.9	143	18.8
1978	114	14.5	2,169	276.3	40	5.1	20	2.5	199	25.4	122	15.5
1979	94	12.0	2,302	292.9	39	5.0	46	5.9	143	18.2	123	15.6

*DEATHS PER 100,000 ESTIMATED MIDYEAR POPULATION

DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. DATA FOR 1946-79 ARE BY PLACE OF RESIDENCE.

ABORTIONS

AGE

LENGTH OF GESTATION

MARITAL STATUS

PROCEDURE

COUNTY OF RESIDENCE

BEST AVAILABLE COPY

ABORTIONS

The number of reported legally induced abortions in Montana has increased each year since reporting was initiated on July 1, 1974. The total for 1979 was 3,447. We do not know how many illegal abortions were performed prior to July 1974, nor do we know how many illegal abortions have been done since that date.

Information regarding the incidence of abortion in Montana is clouded further because we do not have accurate information about how many Montana residents were aborted out of state. According to the following statements from an article on abortion in the Billings area appearing in the April 24, 1980, issue of the Billings Gazette, women in eastern Montana leave the area for an abortion: "Often she will want to undergo the procedure anyplace except in her own hometown. Some Billings women travel to South Dakota or as far as Denver, Colorado."

There were 152 Montana women served in South Dakota in 1979. Fifty Montana women had abortions performed in Washington. Data regarding Montana residents traveling to other states are not available. An accompanying map (Chart ??) comparing abortion ratios for Montana counties indicates that, with the exception of Yellowstone County, none of the counties in the eastern half of the state were in the high quartile. This supports speculation that many residents of eastern Montana go out of state for the procedure.

TREND

The number of abortions for those years for which we have reporting for the entire year are as follows:

Year	Number of Reported Abortions
1975	1,535
1976	1,803
1977	2,539
1978	3,092
1979	3,447

Even with the increasing number of abortion procedures reported in Montana, the abortion ratio for the state is substantially less than that for the nation as a whole. For Montana, the 1979 ratio was 236 abortions per 1,000 live births. The latest available information for the United States is for 1977, and for that year the ratio was 325. Since the ratio for the United States also has been increasing, one would expect that the U.S. ratio for 1979 would be higher than that reported for 1977. The apparent low ratio for Montana may be due in part to the apparent

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tendency of women living in eastern Montana to travel out of state for the procedure.

AGE

The age distribution of reported legally induced abortions in Montana for 1979 is as follows:

Woman's Age	Abortions
Total	3,447
10-14	19
15-19	1,087
20-24	1,300
25-29	602
30-34	262
35-39	117
40-44	53
45-49	7

The largest numbers of abortions were reported for women in the late teens - 359 for those aged 18, and 358 for those aged 19.

The median age of women aborted in Montana has increased slightly over the years for which reporting has been done:

Year	Median Age
1975	21.58
1976	21.55
1977	21.86
1978	21.96
1979	21.99

RACE

The racial distribution of reported abortions is as follows:

Race	Number
Total	3,447
White	2,857
Indian	147
Negro	8
Other Non-White	21
Not Stated	414

Meaningful analysis of the above distribution is difficult because of the large number in the category "Not Stated."

MARITAL STATUS

The distribution of 1979 abortions by marital status is:

Marital Status	Number
Total	3,447
Single	2,022
Married	631
Separated	59
Divorced	313
Widowed	17
Unknown	405

Technically, the categories "Married" and "Separated" should be reported as "Married", and total to 690. Again, the large number in the "Unknown" category might substantially change the distribution of marital status if the bulk of those in the "Unknown" marital status were to fall in any single category above.

NUMBER OF LIVING CHILDREN

Two-thirds of the women aborted had no other child as indicated below:

Number of Living Children	Abortions
Total	3,447
No children	2,325
One child	523
Two children	374
Three children	134
Four children	49
Five children	24
Six children	7
Seven children	2
Eight children	3
Nine children	2
Thirteen children	1
Unknown	3

STATE OF RESIDENCE

Most of the abortions (96 percent) performed in Montana during 1979 were for residents of Montana. The majority of the other women aborted in Montana were from contiguous states.

State	Number
Total	3,447
Montana	3,315
Wyoming	47
Idaho	34
North Dakota	5
Washington	4
South Dakota	2
Other States	24
Canada	14
Rest of World	2

METHOD OF ABORTION

Suction curettage was the procedure used for 95 percent of the abortions performed in 1979. The abortion procedures employed were as follows:

Abortion Procedure	Number
Suction curettage	3,283
Sharp curettage	12
Intra-uterine saline	3
Intra-uterine prostaglandin	148
Other	1

Intra-uterine prostaglandin generally was used for second-trimester abortions.

WEEKS OF GESTATION

Ninety percent of abortions performed in Montana during 1979 were done during the first trimester (13 weeks) of pregnancy.

Weeks of Gestation	Number
Total	3,447
Less than nine weeks	1,510
9-13 weeks	1,598
14-21 weeks	150
Unknown	189

PREVIOUS INDUCED ABORTIONS

Over three-fourths (78 percent) of the abortions performed in 1979 were to women who had not been previously aborted. The distribution is as follows:

Number of Previous Abortions	Number
Total	3,447
0	2,702
1	632
2	91
3 or more	16
Not Stated	6

The proportion of procedures that are first abortions has declined by 9 percent since 1975. At the end of 1979, legally induced abortions had been available for five and one-half years, and the proportion of women having an additional abortion is increasing.

Year	First Induced Abortions	Total Reported Induced Abortions	Percent First Abortion
1975	1,344	1,535	87.6
1976	1,557	1,803	86.4
1977	2,093	2,539	82.4
1978	2,558	3,092	82.7
1979	2,702	3,447	78.4

COMPLICATIONS

Complications were reported for only four percent of the abortions performed in Montana during 1979.

Complication	Number
Total	3,447
None	3,310
Hemorrhage	10
Infection	10
Uterine Tear/Perforation	1
Retained Products	11
Other	21
Not Stated	84

DEATHS

No abortion-related deaths were reported for deaths occurring in Montana during 1979 either for legal or illegal abortions. No deaths have ever been reported in connection with legally-induced abortions performed in this state.

ANALYSIS FOR RESIDENT DATA

For counties reporting ten or more resident abortions for 1979, the following counties had abortions ratios which

were significantly lower than the state abortion ratio (235.7):

County	Abortion Ratio
Big Horn	152.0
Blaine	123.3
Chouteau	115.8
Dawson	65.8
Fergus	159.5
Jefferson	114.3
Phillips	118.2
Pondera	97.7
Richland	63.6
Roosevelt	105.7
Rosebud	48.2
Sanders	132.5
Teton	103.4
Toole	112.2

These ratios were computed utilizing resident live births for 1979. As indicated elsewhere in this report, some of these low abortion ratios may simply reflect the fact that residents of some counties may go out of state for the procedure.

Counties reporting ten or more abortions that had significantly higher ratios than the state average are as follows:

County	Abortion Ratio
Flathead	334.1
Gallatin	418.3
Lewis & Clark	274.2
Missoula	468.4
Yellowstone	259.8

TABLE 17

Induced Abortions By Woman's Total Number of Previous Pregnancies:
Montana, 1979

Total Past Pregnancies	Abortions
Total	3,447
Not Stated	13
0	1,766
1	798
2	447
3	230
4	97
5	53
6	25
7	6
8	6
9+	6

TABLE 18

Induced Abortions By Five-Year Age Groups:
Montana, 1979

Woman's Age	Number
Total	3,447
Under 15	19
15 - 19	1,087
20 - 24	1,300
25 - 29	602
30 - 34	262
35 - 39	117
40 - 44	53
45+	7

TABLE 19

Induced Abortions By Type of Procedure and Completed Week of Gestation:
Montana, 1979

Abortion Procedure	Total	Length of Gestation*							
		9 or less	10-11	12-13	14-15	16-18	19-20	21+	Unknown
Total	3,447	2,166	748	194	69	71	8	2	189
Suction Curettage	3,283	2,159	741	188	41	7	-	-	147
Sharp Curettage	12	7	2	1	2	-	-	-	-
Intra-Uterine Saline	3	-	-	-	-	2	-	-	1
Intra-Uterine Prostaglandin	148	-	5	5	26	61	8	2	41
Other	1	-	-	-	-	1	-	-	-

- Quantity is zero
* Calculated from first day of last menstrual period.

MARRIAGE AND DIVORCE

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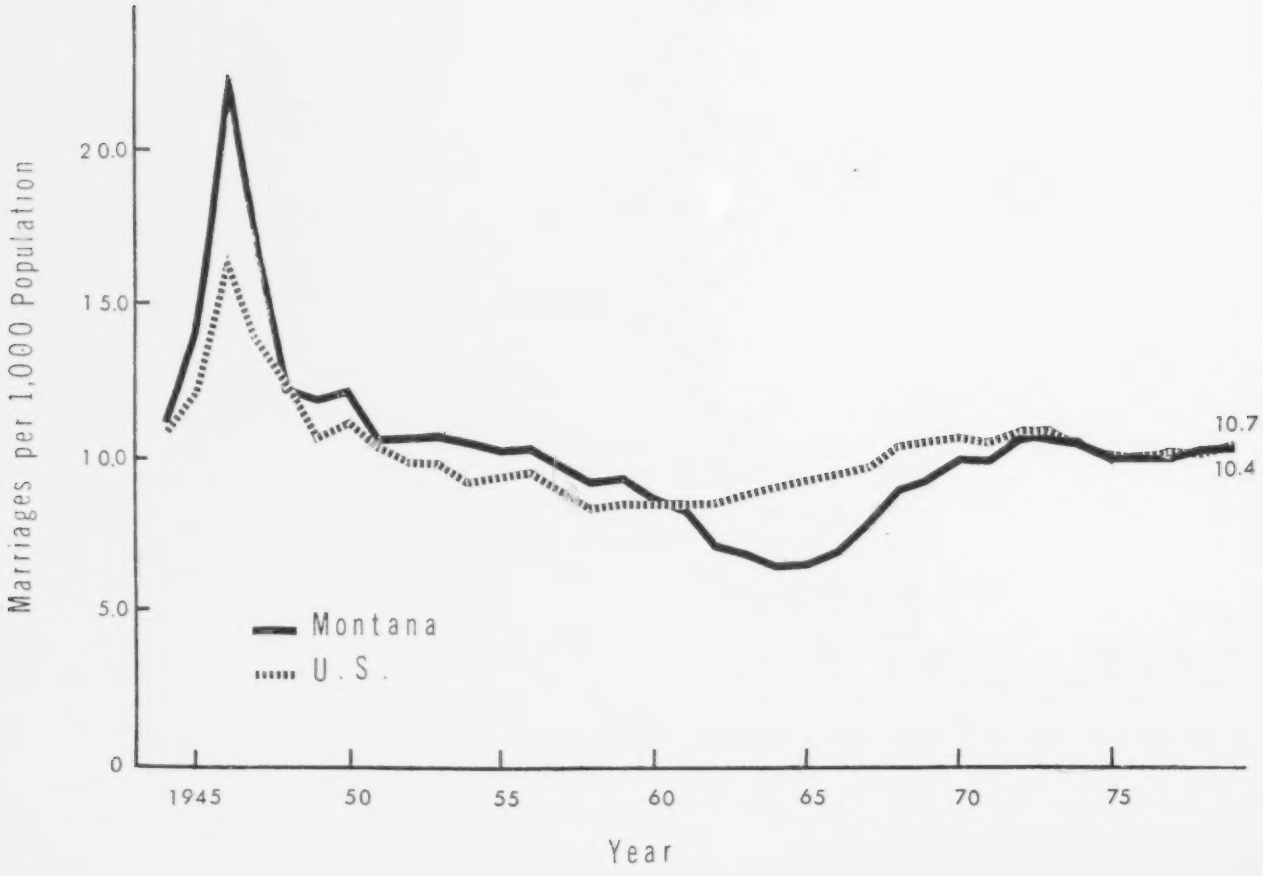
MARRIAGES

During 1979 there were 8,195 marriages reported in Montana, an increase of 59 over the 8,136 reported in 1978. The marriage rate was 10.4 per 1,000 estimated population, the same as for 1978. The highest marriage rate during the decade of the 1970's was 10.8 in 1973 while the lowest rate was 9.8 for the years 1975 and 1976.

The median age at time of marriage continued to rise in 1979. For all brides, the median age rose from 22.4 in 1978 to 22.8 in 1979. For grooms, the median age increased from 25.1 in 1978 to 25.4 in 1979. The main factor contributing to the rise in median age is the downward trend in the proportion of teenage brides and grooms. The proportion of teenage brides in 1978 was 27.0 percent compared to 24.6 percent in 1979. The proportion of teenage grooms decreased from 10.4 percent in 1978 to 9.3 percent in 1979.

CHART 6

MARRIAGE RATES: Montana & U.S., 1944-79



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MARITAL TERMINATIONS

In 1979, 5,106 marital termination decrees were granted in Montana, the highest state divorce total ever observed. The 1979 figure was 4.7 percent above that for the preceding year (4,877), and nearly 2.5 times the number reported 20 years ago (2,062 in 1959).

The Montana divorce rate per 1,000 estimated population was 6.5 in 1979 compared with 6.2 for 1978. The 1979 rate, also a record high, was more than double the rate in 1959.

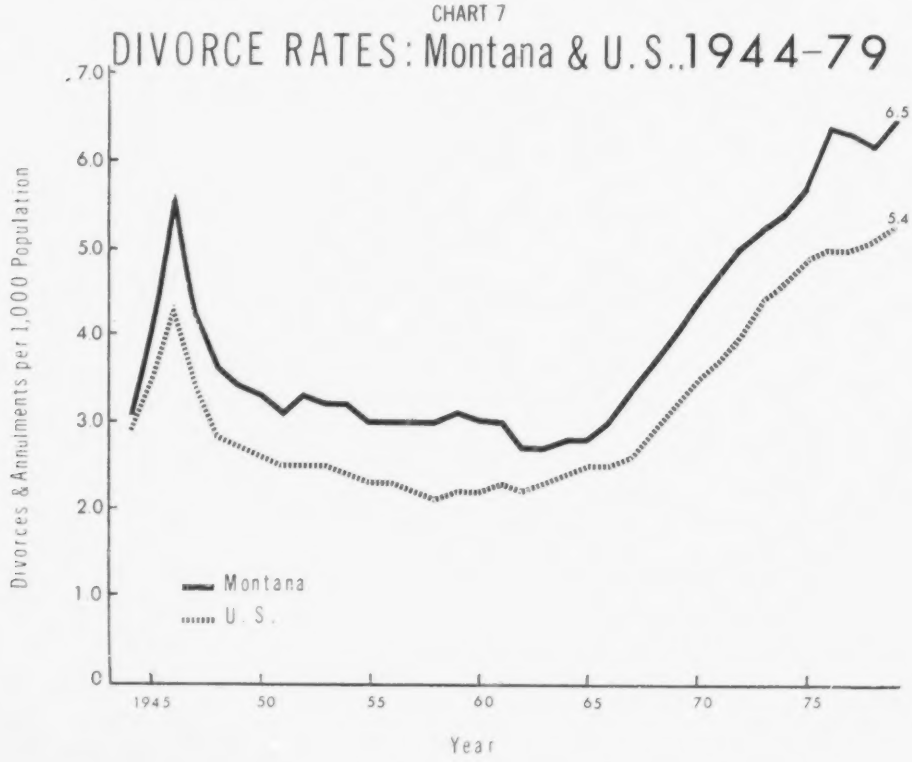
The 1979 divorce rate for Montana ranked sixth when compared with the rates for the eight states in the Mountain Region. Utah (5.6) and Colorado (6.0) reported the lowest rates in the region. The rate for Nevada (16.8) was the highest in the region as well as being the highest rate in the United States.

The 1979 national divorce rate also increased to a record high, 5.4 per 1,000 population. The 1979 rate was 3.8 percent above that for the preceding year (5.2).

The median duration of a Montana marriage which ended in divorce in 1979 was 5.3 years, the same figure as for 1978.

The total number of Montana children under 18 years of age involved in divorces was 5,179 or 1.01 children per divorce, compared to 1.06 in 1978.

CHART 7



The Increasing Role of "Divorce" in Dissolving Marriages

There are two ways of dissolving a marriage. One is by termination of marriage; the other is by death. In Montana termination of marriage is accomplished by marital dissolution (formerly called "divorce") and invalid marriage (formerly known as "annulment"). Current statistics indicate that the proportion of marriages dissolved by marital terminations is increasing.

Year	Marital Terminations	Deaths of Married Persons	Total	Percent Marital Terminations	Percent Deaths of Married Persons
1979	5,106	2,880	7,986	63.9	36.1
1977	4,813	2,798	7,611	63.2	36.8
1975	4,286	2,869	7,155	59.9	40.1
1973	3,772	3,150	6,922	54.5	45.5

MARITAL TERMINATIONS, DEATHS OF MARRIED PERSONS AND PERCENTAGES: Montana, Selected Years

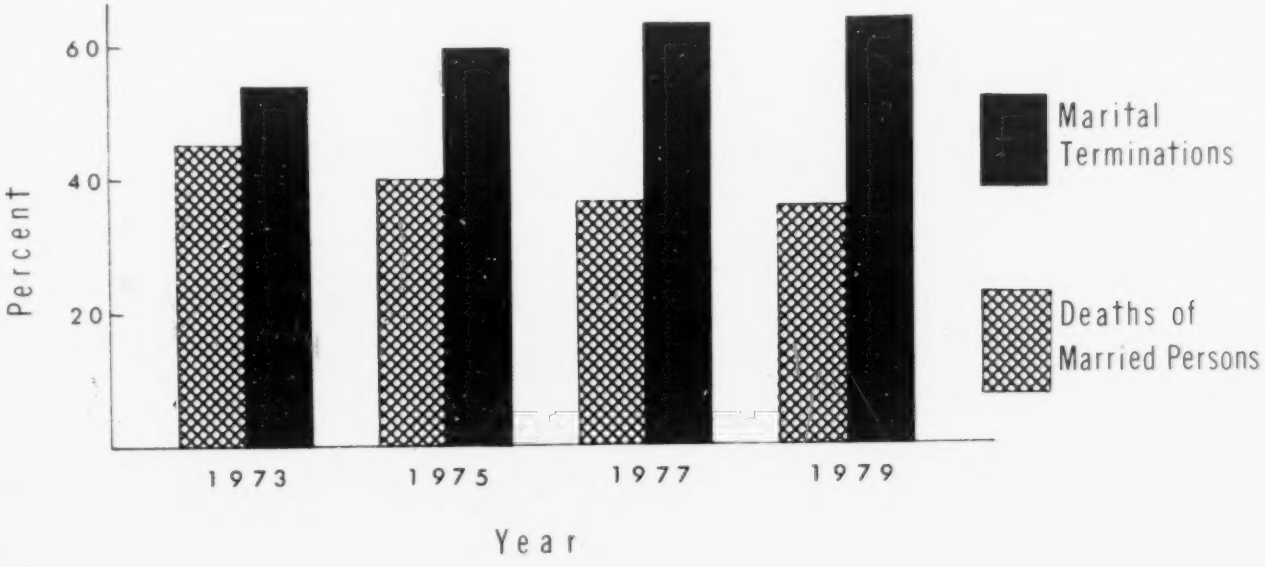


TABLE 20

MARRIAGES, MARITAL DISSOLUTIONS AND INVALID MARRIAGES

MONTANA COUNTIES, 1979

COUNTY	MARRIAGES		MARITAL TERMINATIONS	
	LICENSE ISSUED	SOLEMNIZED	MARITAL DISSOLUTIONS	INVALID MARRIAGES
MONTANA, TOTAL	8,195	8,195	4,989	117
BEAVERHEAD	96	92	48	-
BIG HORN	93	82	61	-
BLAINE	54	56	19	-
BROADWATER	38	31	22	1
CARBON	69	108	25	-
CARTER	9	14	7	-
CASCADE	910	909	639	11
CHOUTEAU	48	57	19	1
CUSTER	143	137	114	-
DANIELS	29	30	9	-
DAWSON	125	124	62	1
DEER LODGE	105	133	40	4
FALLON	42	43	10	-
FERGUS	129	142	97	2
FLATHEAD	543	574	384	9
GALLATIN	481	451	223	2
GARFIELD	13	12	4	-
GLACIER	104	112	57	-
GOLDEN VALLEY	3	5	2	-
GRANITE	19	24	8	-
HILL	196	193	83	-
JEFFERSON	47	62	33	3
JUDITH BASIN	27	17	5	-
LAKE	165	205	109	2
LEWIS & CLARK	519	511	322	11
LIBERTY	24	20	11	-
LINCOLN	165	164	112	10
MCCONE	20	22	3	-
MADISON	52	67	13	-
MEAGHER	31	34	16	-
MINERAL	32	44	17	1
MISSOULA	921	766	762	28
MUSSELSHELL	31	31	33	-
PARK	152	172	97	1
PETROLEUM	6	7	1	-
PHILLIPS	57	61	18	-
PONDERA	53	56	13	-
POWDER RIVER	16	13	6	-
POWELL	54	55	34	1
PRAIRIE	9	6	2	-
RAVALLI	166	217	102	1
RICHLAND	148	140	52	-
ROOSEVELT	99	107	91	-
ROSEBUD	78	78	39	-
SANDERS	72	77	50	2
SHERIDAN	56	56	12	-
SILVER BOW	384	363	169	8
STILLWATER	44	43	31	-
SWEET GRASS	32	36	12	-
TETON	61	81	30	2
TOOLE	56	51	19	-
TREASURE	11	7	2	1
VALLEY	89	91	49	-
WHEATLAND	18	21	14	-
WIBAUX	10	11	3	-
YELLOWSTONE	1,241	1,174	774	15

TABLE 21

MARRIAGE AND DIVORCE

MONTANA, 1944-1979

YEAR	MARRIAGES		DIVORCES AND ANNULMENTS	
	NUMBER	RATE*	NUMBER	RATE*
1944	6,433	11.2	1,745	3.1
1945	8,147	14.2	2,380	4.1
1946	12,974	22.4	3,212	5.6
1947	9,769	16.8	2,439	4.2
1948	7,131	12.2	2,090	3.6
1949	6,981	11.9	1,995	3.4
1950	7,235	12.2	1,951	3.3
1951	6,307	10.6	1,837	3.1
1952	6,410	10.6	1,989	3.3
1953	6,597	10.7	1,986	3.2
1954	6,575	10.5	1,966	3.2
1955	6,514	10.2	1,909	3.0
1956	6,770	10.3	1,985	3.0
1957	6,495	9.7	2,004	3.0
1958	6,142	9.2	2,023	3.0
1959	6,228	9.3	2,062	3.1
1960	5,883	8.7	2,003	3.0
1961	5,636	8.3	2,034	3.0
1962	5,051	7.1	1,932	2.7
1963	4,854	6.9	1,909	2.7
1964	4,556	6.5	1,981	2.8
1965	4,688	6.6	2,002	2.8
1966	4,914	7.0	2,087	3.0
1967	5,563	7.9	2,361	3.4
1968	6,250	9.0	2,592	3.7
1969	6,444	9.3	2,806	4.0
1970	6,919	10.0	3,051	4.4
1971	7,128	10.0	3,366	4.7
1972	7,674	10.7	3,609	5.0
1973	7,751	10.8	3,772	5.2
1974	7,741	10.5	3,940	5.4
1975	7,331	9.8	4,286	5.7
1976	7,390	9.8	4,850	6.4
1977	7,547	9.9	4,813	6.3
1978	8,136	10.4	4,877	6.2
1979	8,195	10.4	5,106	6.5

* PER 1,000 ESTIMATED POPULATION.

TABLE 22

MARRIAGES BY MONTH OF OCCURRENCE

MONTANA, 1979

MONTH	NUMBER	PERCENT	MONTH	NUMBER	PERCENT
MONTANA, TOTAL	8,195	100.0	JUNE	1,244	15.2
			JULY	854	10.4
JANUARY	333	4.1	AUGUST	1,003	12.2
FEBRUARY	423	5.2	SEPTEMBER	828	10.1
MARCH	495	6.0	OCTOBER	580	7.1
APRIL	517	6.3	NOVEMBER	600	7.3
MAY	612	7.5	DECEMBER	706	8.6

TABLE 23

MARRIAGES BY AGE AND PREVIOUS MARITAL STATUS OF BRIDE AND GROOM

MONTANA, 1979

AGE	BRIDE					GROOM				
	TOTAL	PREVIOUS MARITAL STATUS				TOTAL	PREVIOUS MARITAL STATUS			
		SINGLE	WIDOWED	DIVORCED	NOT STATED		SINGLE	WIDOWED	DIVORCED	NOT STATED
TOTAL	8,195	5,471	323	2,395	6	8,195	5,468	265	2,459	3
UNDER 15	-	-	-	-	-	-	-	-	-	-
15-19	2,055	2,015	-	40	-	759	754	-	4	1
20-24	3,160	2,643	12	502	3	3,164	2,929	-	234	1
25-29	1,363	661	24	678	-	1,949	1,326	9	614	-
30-34	636	113	21	501	1	853	288	12	552	1
35-39	322	21	20	280	1	509	93	10	406	-
40-44	209	4	22	182	1	310	28	6	276	-
45-49	135	5	33	97	-	194	18	22	154	-
50-54	101	4	30	67	-	132	11	23	98	-
55-59	58	4	29	25	-	109	12	35	62	-
60-64	60	-	48	12	-	75	4	51	20	-
65-69	43	1	36	6	-	70	2	47	21	-
70-74	39	-	36	3	-	38	2	29	7	-
75 AND OVER	12	-	12	-	-	31	-	21	10	-
NOT STATED	2	-	-	2	-	2	1	-	1	-

TABLE 24

FIRST MARRIAGES* BY AGE OF BRIDE BY AGE OF GROOM

MONTANA, 1979

AGE OF GROOM	AGE OF BRIDE											
	TOTAL ALL AGES	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55 AND OVER	NOT STATED
TOTAL, ALL AGES	4,588	-	1,847	2,227	449	47	9	4	2	1	2	-
UNDER 15	-	-	-	-	-	-	-	-	-	-	-	-
15-19	711	-	605	102	4	-	-	-	-	-	-	-
20-24	2,606	-	1,096	1,417	87	5	-	-	1	-	-	-
25-29	1,018	-	130	604	261	22	-	1	-	-	-	-
30-34	184	-	11	82	79	10	2	-	-	-	-	-
35-39	39	-	3	14	13	4	4	1	-	-	-	-
40-44	14	-	-	4	3	3	2	1	-	1	-	-
45-49	9	-	-	3	1	3	1	-	-	-	1	-
50-54	1	-	-	-	1	-	-	-	-	-	-	-
55 AND OVER	5	-	1	1	-	-	-	1	1	-	1	-
NOT STATED	1	-	1	-	-	-	-	-	-	-	-	-

* FIRST MARRIAGE FOR BOTH BRIDE AND GROOM

TABLE 25

MARRIAGES BY RACE OF BRIDE AND GROOM

MONTANA, 1979

GROOM	BRIDE							
	TOTAL	WHITE	NEGRO	INDIAN	CHINESE	JAPANESE	HAWAIIAN	OTHER
TOTAL	8,195	7,858	15	292	4	4	-	22
WHITE	7,858	7,717	3	112	3	4	-	19
NEGRO	31	18	12	1	-	-	-	-
INDIAN	292	113	-	179	-	-	-	-
CHINESE	3	2	-	-	1	-	-	-
JAPANESE	2	2	-	-	-	-	-	-
HAWAIIAN	-	-	-	-	-	-	-	-
OTHER	9	6	-	-	-	-	-	3

TABLE 26

MARITAL TERMINATIONS BY LEGAL GROUNDS FOR DECREE

MONTANA, 1979

TYPES OF MARITAL TERMINATION AND LEGAL GROUNDS.	NUMBER
MARITAL DISSOLUTIONS, TOTAL	4,989
IRRECONCILABLE DIFFERENCES	4,989
INVALID MARRIAGES, TOTAL	117
LACKED CAPACITY TO CONSENT	104
PROHIBITED MARRIAGE	8
LACKED PHYSICAL CAPACITY	5

TABLE 27

MARITAL TERMINATIONS* BY AGE OF HUSBAND AND BY AGE OF WIFE

MONTANA, 1979

AGE OF HUSBAND	AGE OF WIFE											
	TOTAL ALL AGES	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55 AND OVER	NOT STATED
TOTAL, ALL AGES	5,106	-	225	1,217	1,193	858	599	406	212	145	164	87
UNDER 15	-	-	-	-	-	-	-	-	-	-	-	-
15-19	41	-	23	17	1	-	-	-	-	-	-	-
20-24	805	-	167	548	69	12	1	1	-	-	-	7
25-29	1,160	-	28	485	547	69	21	5	-	-	-	5
30-34	991	-	4	101	387	417	63	7	1	1	-	10
35-39	728	-	-	38	126	254	241	53	7	4	-	5
40-44	470	-	1	9	27	62	176	148	35	7	3	2
45-49	330	-	-	3	16	23	54	125	77	23	7	2
50-54	199	-	-	1	5	11	26	42	57	39	16	2
55 AND OVER	296	-	-	-	5	8	14	22	33	70	136	8
NOT STATED	86	-	2	15	10	2	3	3	2	1	2	46

* INCLUDES BOTH MARITAL DISSOLUTIONS AND INVALID MARRIAGES

TABLE 28

MARITAL TERMINATIONS* BY NUMBER OF CHILDREN** BY AGE OF MOTHER

MONTANA, 1979

AGE OF MOTHER	NUMBER OF CHILDREN											
	TOTAL	NONE	1	2	3	4	5	6	7	8	9 OR MORE	NOT STATED
TOTAL	5,106	2,244	1,214	1,037	391	117	32	5	6	-	2	58
UNDER 15	-	-	-	-	-	-	-	-	-	-	-	-
15-19	227	117	93	14	-	-	-	-	-	-	-	3
20-24	1,217	571	414	185	34	-	-	-	-	-	-	13
25-29	1,193	486	267	320	82	19	3	-	-	-	1	15
30-34	858	254	158	262	131	39	6	-	1	-	-	7
35-39	599	207	106	144	78	41	13	3	4	-	1	2
40-44	406	168	90	68	52	12	8	2	1	-	-	5
45-49	212	132	43	28	6	3	-	-	-	-	-	-
50-54	145	115	19	7	2	1	-	-	-	-	-	1
55-59	78	72	4	-	1	-	-	-	-	-	-	1
60-64	54	54	-	-	-	-	-	-	-	-	-	-
65-69	21	20	1	-	-	-	-	-	-	-	-	-
70-74	6	6	-	-	-	-	-	-	-	-	-	-
75 AND OVER	4	3	-	-	-	1	-	-	-	-	-	-
NOT STATED	86	39	19	9	5	1	2	-	-	-	-	11

* INCLUDES BOTH MARITAL DISSOLUTIONS AND INVALID MARRIAGES

** NUMBER OF CHILDREN UNDER 18 YEARS OF AGE IN THIS FAMILY

COUNTY SUMMARIES

BIRTHS

RATES

FETAL AND INFANT MORTALITY

DEATHS

POPULATION

NATURAL INCREASE

LEADING CAUSES OF DEATH

DIVORCES

MARRIAGES

OUT-OF-WEDLOCK

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COUNTY SUMMARIES

The following table shows summary data for the 56 Montana counties. State figures are shown in the left-hand column on each page for convenience in reference.

The ten leading causes of death shown in the table represent the experience of the entire State. An individual county may have other causes of death which should appear among the top ten. In addition, the rank order of causes for a given county may be different than that for the State.

Rates for live births and deaths are not shown by sex for years other than years in which a federal census is taken. Reason: population estimates for intercensal years do not provide data by sex.

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TABLE 29

SELECTED VITAL STATISTICS FOR 1979

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		BEAVERHEAD		BIG HORN		BLAINE		BROADWATER		CARBON		CARTER		CASCADE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION.	786,000		8,400		11,100		7,400		3,400		8,500		1,700		83,400	
NATURAL INCREASE.	7,586	9.7	81	9.6	164	14.8	81	10.9	35	10.3	38	4.5	4	2.4	875	10.5
LIVE BIRTHS, TOTAL.	14,057	17.9	147	17.5	250	22.5	146	19.7	59	17.4	136	16.0	24	14.1	1,533	18.4
SEX-MALE.	7,226	*	68	*	131	*	75	*	29	*	62	*	14	*	775	*
FEMALE.	6,831	*	79	*	119	*	71	*	30	*	74	*	10	*	758	*
OUT-OF-WEDLOCK.	1,596	113.5	7	47.6	73	292.0	42	287.7	2	33.9	7	51.5	4	166.7	162	105.7
DEATHS (EXCLUDING FETALS), TOTAL.	6,471	8.2	66	7.9	86	7.7	65	8.8	24	7.1	98	11.5	20	11.8	658	7.9
SEX-MALE.	3,659	*	45	*	55	*	39	*	15	*	60	*	10	*	362	*
FEMALE.	2,812	*	21	*	31	*	26	*	9	*	38	*	10	*	296	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR). .	151	10.7	3	20.4	3	12.0	3	20.5	2	33.9	3	22.1	1	41.7	17	11.1
NEONATAL (UNDER 28 DAYS). . .	100	7.1	2	13.6	1	4.0	2	13.7	2	33.9	1	7.4	-	0.0	15	9.8
POSTNEONATAL (28 DAYS-1 YEAR)	51	3.6	1	6.8	2	8.0	1	6.8	-	0.0	2	14.7	1	41.7	2	1.3
FETAL DEATHS.	116	8.3	3	20.4	4	16.0	2	13.7	1	16.9	1	7.4	-	0.0	8	5.2
PERINATAL DEATHS.	216	15.2	5	33.3	5	19.7	4	27.0	3	50.0	2	14.6	-	0.0	23	14.9
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,302	292.9	18	214.3	23	207.2	15	202.7	9	264.7	31	364.7	8	470.6	255	305.8
CANCER (2).	1,240	157.8	20	238.1	15	135.1	8	108.1	8	235.3	29	341.2	1	58.8	132	158.3
ACCIDENTS (2)	596	75.8	4	47.6	13	117.1	6	81.1	1	29.4	3	35.3	4	235.3	61	73.1
STROKE.	588	74.8	4	47.6	5	45.0	6	81.1	-	0.0	16	188.2	2	117.6	48	57.6
CHR. OBST. PULMONARY DISEASES .	204	26.0	3	35.7	2	18.0	2	27.0	1	29.4	1	11.8	-	0.0	20	24.0
ARTERIOSCLEROSIS.	154	19.6	2	23.8	1	9.0	3	40.5	-	0.0	2	23.5	-	0.0	22	26.4
PNEUMONIA AND INFLUENZA (2) . .	147	18.7	-	0.0	3	27.0	3	40.5	-	0.0	2	23.5	-	0.0	13	15.6
SUICIDE	123	15.6	2	23.8	2	18.0	3	40.5	1	29.4	1	11.8	-	0.0	15	18.0
DIABETES (2).	94	12.0	2	23.8	4	36.0	-	0.0	-	0.0	-	0.0	-	0.0	8	9.6
PERINATAL PERIOD CONDITIONS . .	75	9.5	2	23.8	1	9.0	-	0.0	2	58.8	1	11.8	-	0.0	10	12.0
OCCURRENCE																
LIVE BIRTHS, TOTAL.	13,800	17.6	60	7.1	245	22.1	49	6.6	43	12.6	60	7.1	6	3.5	1,688	20.2
DEATHS (EXCLUDING FETALS), TOTAL.	6,414	8.2	70	8.3	69	6.2	34	4.6	23	6.8	66	7.8	14	8.2	737	8.8
INFANT (UNDER 1 YEAR)	127	9.2	1	16.7	1	4.1	1	20.4	-	0.0	1	16.7	1	166.7	24	14.2
ACCIDENTAL.	637	0.8	15	1.8	16	1.4	7	0.9	5	1.5	4	0.5	4	2.4	58	0.7
MOTOR VEHICLE	350	0.4	10	1.2	13	1.2	4	0.5	5	1.5	3	0.4	2	1.2	25	0.3
OTHER ACCIDENTAL.	287	0.4	5	0.6	3	0.3	3	0.4	-	0.0	1	0.1	2	1.2	33	0.4
MARRIAGES	8,195	10.4	92	11.0	82	7.4	56	7.6	31	9.1	108	12.7	14	8.2	909	10.9
MARITAL TERMINATIONS.	5,106	6.5	48	5.7	61	5.5	19	2.6	23	6.8	25	2.9	7	4.1	650	7.8

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 29

SELECTED VITAL STATISTICS FOR 1979

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		CHOUTEAU		CUSTER		DANIELS		DAWSON		DEER LODGE		FALLON		FERGUS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION.	786,000		6,600		13,200		3,100		11,400		13,100		3,900		14,200	
NATURAL INCREASE.	7,586	9.7	48	7.3	76	5.7	17	5.5	140	12.3	-19	-1.4	36	9.2	76	5.4
LIVE BIRTHS, TOTAL.	14,057	17.9	95	14.4	216	16.4	49	15.8	228	20.0	142	10.8	64	16.4	232	16.3
SEX-MALE.	7,226	*	48	*	108	*	27	*	127	*	77	*	31	*	117	*
FEMALE.	6,831	*	47	*	108	*	22	*	101	*	65	*	33	*	115	*
OUT-OF-WEDLOCK.	1,596	113.5	3	31.6	15	69.4	1	20.4	24	105.3	16	112.7	4	62.5	11	47.4
DEATHS (EXCLUDING FETALS), TOTAL.	6,471	8.2	47	7.1	141	10.7	32	10.3	88	7.7	161	12.3	28	7.2	156	11.0
SEX-MALE.	3,659	*	27	*	91	*	16	*	44	*	82	*	18	*	86	*
FEMALE.	2,812	*	20	*	50	*	16	*	44	*	79	*	10	*	70	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR). .	151	10.7	1	10.5	2	9.3	1	20.4	2	8.8	1	7.0	-	0.0	4	17.2
NEONATAL (UNDER 28 DAYS). . .	100	7.1	1	10.5	2	9.3	1	20.4	2	8.8	1	7.0	-	0.0	3	12.9
POSTNEONATAL (28 DAYS-1 YEAR)	51	3.6	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	1	4.3
FETAL DEATHS.	116	8.3	2	21.1	3	13.9	-	0.0	2	8.8	3	21.1	-	0.0	2	8.6
PERINATAL DEATHS.	216	15.2	3	30.9	5	22.8	1	20.4	4	17.4	4	27.6	-	0.0	5	21.4
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,302	292.9	25	378.8	58	439.4	8	258.1	43	377.2	66	503.8	9	230.8	46	323
CANCER (2).	1,240	157.8	7	106.1	24	181.8	7	225.8	17	149.1	25	190.8	5	128.2	26	183.1
ACCIDENTS (2)	596	75.8	3	45.5	9	68.2	1	32.3	7	61.4	8	61.1	3	76.9	14	98.6
STROKE.	588	74.8	2	30.3	22	166.7	4	129.0	4	35.1	16	122.1	4	102.6	14	98.6
CHR. OBST. PULMONARY DISEASES .	204	26.0	1	15.2	3	22.7	-	0.0	2	17.5	7	53.4	-	0.0	11	77.5
ARTERIOSCLEROSIS.	154	19.6	1	15.2	1	7.6	2	64.5	1	8.8	5	38.2	2	51.3	12	84.5
PNEUMONIA AND INFLUENZA (2) . .	147	18.7	-	0.0	2	15.2	-	0.0	2	17.5	2	15.3	-	0.0	4	28.2
SUICIDE	123	15.6	2	30.3	2	15.2	1	32.3	-	0.0	4	30.5	1	25.6	1	7.0
DIABETES (2).	94	12.0	-	0.0	-	0.0	5	161.3	2	17.5	2	15.3	-	0.0	1	7.0
PERINATAL PERIOD CONDITIONS . .	75	9.5	-	0.0	1	7.6	1	32.3	2	17.5	1	7.6	-	0.0	2	14.1
OCCURRENCE																
LIVE BIRTHS, TOTAL.	13,800	17.6	24	3.6	372	28.2	50	16.1	238	20.9	85	6.5	23	5.9	269	18.9
DEATHS (EXCLUDING FETALS), TOTAL.	6,414	8.2	27	4.1	176	13.3	26	8.4	89	7.8	135	10.3	23	5.9	164	11.5
INFANT (UNDER 1 YEAR)	127	9.2	-	0.0	1	2.7	-	0.0	-	0.0	1	11.8	-	0.0	4	14.9
ACCIDENTAL.	637	0.8	4	0.6	5	0.4	-	0.0	6	0.5	8	0.6	2	0.5	13	0.9
MOTOR VEHICLE	350	0.4	2	0.3	3	0.2	-	0.0	3	0.3	4	0.3	1	0.3	5	0.4
OTHER ACCIDENTAL.	287	0.4	2	0.3	2	0.2	-	0.0	3	0.3	4	0.3	1	0.3	8	0.6
MARRIAGES	8,195	10.4	57	8.6	137	10.4	30	9.7	124	10.9	133	10.2	43	11.0	142	10.0
MARITAL TERMINATIONS.	5,106	6.5	20	3.0	114	8.6	9	2.9	63	5.5	44	3.4	10	2.6	99	7.0

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 29

SELECTED VITAL STATISTICS FOR 1979

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		FLATHEAD		GALLATIN		GARFIELD		GLACIER		GOLDEN VALLEY		GRANITE		HILL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
R E S I D E N C E																
POPULATION.	786,000		51,100		41,100		1,600		11,600		1,100		2,800		18,200	
NATURAL INCREASE.	7,586	9.7	462	9.0	494	12.0	25	15.6	173	14.9	-2	-1.8	10	3.6	210	11.5
LIVE BIRTHS, TOTAL.	14,057	17.9	883	17.3	722	17.6	36	22.5	280	24.1	11	10.0	40	14.3	348	19.1
SEX-MALE.	7,226	*	459	*	377	*	21	*	130	*	2	*	22	*	177	*
FEMALE.	6,831	*	424	*	345	*	15	*	150	*	9	*	18	*	171	*
OUT-OF-WEDLOCK.	1,596	113.5	71	80.4	34	47.1	1	27.8	114	407.1	1	90.9	4	100.0	69	198.3
DEATHS (EXCLUDING FETALS), TOTAL.	6,471	8.2	421	8.2	228	5.5	11	6.9	107	9.2	13	11.8	30	10.7	138	7.6
SEX-MALE.	3,659	*	228	*	130	*	7	*	65	*	11	*	22	*	80	*
FEMALE.	2,812	*	193	*	98	*	4	*	42	*	2	*	8	*	58	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR). .	151	10.7	12	13.6	7	9.7	-	0.0	5	17.9	-	0.0	-	0.0	1	2.9
NEONATAL (UNDER 28 DAYS). . .	100	7.1	8	9.1	3	4.2	-	0.0	1	3.6	-	0.0	-	0.0	1	2.9
POSTNEONATAL (28 DAYS-1 YEAR)	51	3.6	4	4.5	4	5.5	-	0.0	4	14.3	-	0.0	-	0.0	-	0.0
FETAL DEATHS.	116	8.3	9	10.2	2	2.8	1	27.8	3	10.7	-	0.0	-	0.0	4	11.5
PERINATAL DEATHS.	216	15.2	17	19.1	5	6.9	1	27.0	4	14.1	-	0.0	-	0.0	5	14.2
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,302	292.9	157	307.2	82	199.5	4	250.0	35	301.7	6	545.5	13	464.3	69	379.1
CANCER (2).	1,240	157.8	86	168.3	39	94.9	1	62.5	11	94.8	2	181.8	5	178.6	18	98.9
ACCIDENTS (2)	596	75.8	37	72.4	15	36.5	1	62.5	23	198.3	3	272.7	3	107.1	14	76.9
STROKE.	588	74.8	36	70.4	26	63.3	-	0.0	5	43.1	-	0.0	2	71.4	7	38.5
CHR. OBST. PULMONARY DISEASES .	204	26.0	18	35.2	10	24.3	-	0.0	-	0.0	1	90.9	-	0.0	1	5.5
ARTERIOSCLEROSIS.	154	19.6	6	11.7	6	14.6	-	0.0	2	17.2	-	0.0	-	0.0	1	5.5
PNEUMONIA AND INFLUENZA (2) . .	147	18.7	9	17.6	3	7.3	-	0.0	-	0.0	-	0.0	-	0.0	5	27.5
SUICIDE	123	15.6	6	11.7	6	14.6	-	0.0	1	8.6	-	0.0	1	35.7	3	16.5
DIABETES (2).	94	12.0	3	5.9	7	17.0	1	62.5	-	0.0	-	0.0	-	0.0	-	0.0
PERINATAL PERIOD CONDITIONS . .	75	9.5	8	15.7	3	7.3	-	0.0	2	17.2	-	0.0	-	0.0	1	5.5
O C C U R R E N C E																
LIVE BIRTHS, TOTAL.	13,800	17.6	1,043	20.4	815	19.8	9	5.6	254	21.9	-	0.0	1	0.4	481	26.4
DEATHS (EXCLUDING FETALS), TOTAL.	6,414	8.2	429	8.4	232	5.6	9	5.6	90	7.8	7	6.4	14	5.0	155	8.5
INFANT (UNDER 1 YEAR)	127	9.2	11	10.5	6	7.4	-	0.0	4	15.7	-	0.0	-	0.0	1	2.1
ACCIDENTAL.	637	0.8	36	0.7	19	0.5	2	1.2	21	1.8	4	3.6	5	1.8	16	0.9
MOTOR VEHICLE	350	0.4	19	0.4	9	0.2	1	0.6	18	1.6	2	1.8	2	0.7	8	0.4
OTHER ACCIDENTAL.	287	0.4	17	0.3	10	0.2	1	0.6	3	0.3	2	1.8	3	1.1	8	0.4
MARRIAGES	8,195	10.4	574	11.2	451	11.0	12	7.5	112	9.7	5	4.5	24	8.6	193	10.6
MARITAL TERMINATIONS.	5,106	6.5	393	7.7	225	5.5	4	2.5	57	4.9	2	1.8	8	2.9	83	4.6

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 29

SELECTED VITAL STATISTICS FOR 1979

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		JEFFERSON		JUDITH BASIN		LAKE		LEWIS & CLARK		LIBERTY		LINCOLN		MCCONE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION.	786,000		7,900		2,800		18,300		41,800		2,500		17,700		2,800	
NATURAL INCREASE.	7,586	9.7	53	6.7	13	4.6	162	8.9	472	11.3	28	11.2	220	12.4	36	12.9
LIVE BIRTHS, TOTAL.	14,057	17.9	105	13.3	39	13.9	351	19.2	806	19.3	41	16.4	324	18.3	61	21.8
SEX-MALE.	7,226	*	59	*	14	*	185	*	416	*	25	*	175	*	37	*
FEMALE.	6,831	*	46	*	25	*	166	*	390	*	16	*	149	*	24	*
OUT-OF-WEDLOCK.	1,596	113.5	7	66.7	-	0.0	61	173.8	82	101.7	-	0.0	29	89.5	2	32.8
DEATHS (EXCLUDING FETALS), TOTAL.	6,471	8.2	52	6.6	26	9.3	189	10.3	334	8.0	13	5.2	104	5.9	25	8.9
SEX-MALE.	3,659	*	26	*	16	*	109	*	180	*	6	*	74	*	18	*
FEMALE.	2,812	*	26	*	10	*	80	*	154	*	7	*	30	*	7	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR). .	151	10.7	3	28.6	-	0.0	3	8.5	5	6.2	-	0.0	3	9.3	1	16.4
NEONATAL (UNDER 28 DAYS). . .	100	7.1	3	28.6	-	0.0	1	2.8	3	3.7	-	0.0	3	9.3	1	16.4
POSTNEONATAL (28 DAYS-1 YEAR)	51	3.6	-	0.0	-	0.0	2	5.7	2	2.5	-	0.0	-	0.0	-	0.0
FETAL DEATHS.	116	8.3	1	9.5	-	0.0	5	14.2	5	6.2	-	0.0	2	6.2	3	49.2
PERINATAL DEATHS.	216	15.2	4	37.7	-	0.0	6	16.9	8	9.9	-	0.0	5	15.3	4	62.5
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,302	292.9	12	151.9	9	321.4	60	327.9	108	258.4	5	200.0	46	259.9	9	321.4
CANCER (2).	1,240	157.8	11	139.2	6	214.3	41	224.0	63	150.7	-	0.0	16	90.4	6	214.3
ACCIDENTS (2)	596	75.8	4	50.6	-	0.0	21	114.8	37	88.5	2	80.0	13	73.4	1	35.7
STROKE.	588	74.8	6	75.9	2	71.4	27	147.5	23	55.0	1	40.0	7	39.5	3	107.1
CHR. OBST. PULMONARY DISEASES .	204	26.0	2	25.3	-	0.0	4	21.9	13	31.1	1	40.0	5	28.2	-	0.0
ARTERIOSCLEROSIS.	154	19.6	1	12.7	2	71.4	2	10.9	5	12.0	1	40.0	1	5.6	2	71.4
PNEUMONIA AND INFLUENZA (2) . .	147	18.7	-	0.0	-	0.0	3	16.4	10	23.9	-	0.0	-	0.0	-	0.0
SUICIDE	123	15.6	1	12.7	-	0.0	4	21.9	8	19.1	-	0.0	1	5.6	-	0.0
DIABETES (2).	94	12.0	-	0.0	1	35.7	5	27.3	6	14.4	1	40.0	-	0.0	2	71.4
PERINATAL PERIOD CONDITIONS . .	75	9.5	2	25.3	-	0.0	1	5.5	1	2.4	-	0.0	3	16.9	1	35.7
OCCURRENCE																
LIVE BIRTHS, TOTAL.	13,800	17.6	6	0.8	-	0.0	316	17.3	889	21.3	47	18.8	219	12.4	22	7.9
DEATHS (EXCLUDING FETALS), TOTAL.	6,414	8.2	32	4.0	2	0.7	162	8.9	390	9.3	23	9.2	78	4.4	21	7.5
INFANT (UNDER 1 YEAR)	127	9.2	1	166.7	-	0.0	1	3.2	6	6.7	-	0.0	1	4.6	-	0.0
ACCIDENTAL.	637	0.8	5	0.6	-	0.0	20	1.1	32	0.8	3	1.2	9	0.5	2	0.7
MOTOR VEHICLE	350	0.4	2	0.3	-	0.0	15	0.8	16	0.4	1	0.4	3	0.2	2	0.7
OTHER ACCIDENTAL.	287	0.4	3	0.4	-	0.0	5	0.3	16	0.4	2	0.8	6	0.3	-	0.0
MARRIAGES	8,195	10.4	62	7.8	17	6.1	205	11.2	511	12.2	20	8.0	164	9.3	22	7.9
MARITAL TERMINATIONS.	5,106	6.5	36	4.6	5	1.8	111	6.1	333	8.0	11	4.4	122	6.9	3	1.1

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 29

SELECTED VITAL STATISTICS FOR 1979

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		MADISON		MEAGHER		MINERAL		MISSOULA		MUSSELSHELL		PARK		PETROLEUM	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION.	786,000		5,900		2,300		3,700		69,300		4,600		13,400		600	
NATURAL INCREASE.	7,586	9.7	14	2.4	15	6.5	40	10.8	831	12.0	41	8.9	93	6.9	4	6.7
LIVE BIRTHS, TOTAL.	14,057	17.9	97	16.4	34	14.8	77	20.8	1,281	18.5	95	20.7	218	16.3	7	11.7
SEX-MALE.	7,226	*	56	*	18	*	37	*	660	*	53	*	113	*	4	*
FEMALE.	6,831	*	41	*	16	*	40	*	621	*	42	*	105	*	3	*
OUT-OF-WEDLOCK.	1,596	113.5	6	61.9	1	29.4	5	64.9	135	105.4	4	42.1	12	55.0	-	0.0
DEATHS (EXCLUDING FETALS), TOTAL.	6,471	8.2	83	14.1	19	8.3	37	10.0	450	6.5	54	11.7	125	9.3	3	5.0
SEX-MALE.	3,659	*	40	*	14	*	23	*	253	*	32	*	64	*	3	*
FEMALE.	2,812	*	43	*	5	*	14	*	197	*	22	*	61	*	-	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR). .	151	10.7	2	20.6	-	0.0	2	26.0	9	7.0	1	10.5	3	13.8	-	0.0
NEONATAL (UNDER 28 DAYS). . .	100	7.1	2	20.6	-	0.0	1	13.0	4	3.1	-	0.0	2	9.2	-	0.0
POSTNEONATAL (28 DAYS-1 YEAR)	51	3.6	-	0.0	-	0.0	1	13.0	5	3.9	1	10.5	1	4.6	-	0.0
FETAL DEATHS.	116	8.3	1	10.3	1	29.4	1	13.0	9	7.0	-	0.0	2	9.2	-	0.0
PERINATAL DEATHS.	216	15.2	3	30.6	1	28.6	2	25.6	13	10.1	-	0.0	4	18.2	-	0.0
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,302	292.9	18	305.1	8	347.8	13	351.4	150	216.4	24	521.7	51	380.6	2	333.3
CANCER (2).	1,240	157.8	23	389.8	2	87.0	4	108.1	72	103.9	14	304.3	22	164.2	1	166.7
ACCIDENTS (2)	596	75.8	7	118.6	1	43.5	7	189.2	58	83.7	5	108.7	9	67.2	-	0.0
STROKE.	588	74.8	7	118.6	3	130.4	1	27.0	42	60.6	2	43.5	13	97.0	-	0.0
CHR. OBST. PULMONARY DISEASES .	204	26.0	-	0.0	1	43.5	-	0.0	21	30.3	-	0.0	5	37.3	-	0.0
ARTERIOSCLEROSIS.	154	19.6	2	33.9	1	43.5	-	0.0	4	5.8	1	21.7	3	22.4	-	0.0
PNEUMONIA AND INFLUENZA (2) . .	147	18.7	4	67.8	-	0.0	1	27.0	13	18.8	1	21.7	3	22.4	-	0.0
SUICIDE	123	15.6	2	33.9	-	0.0	-	0.0	11	15.9	-	0.0	2	14.9	-	0.0
DIABETES (2).	94	12.0	1	16.9	-	0.0	1	27.0	6	8.7	1	21.7	2	14.9	-	0.0
PERINATAL PERIOD CONDITIONS . .	75	9.5	1	16.9	-	0.0	1	27.0	3	4.3	-	0.0	1	7.5	-	0.0
OCCURRENCE																
LIVE BIRTHS, TOTAL.	13,800	17.6	109	18.5	14	6.1	35	9.5	1,511	21.8	25	5.4	161	12.0	-	0.0
DEATHS (EXCLUDING FETALS), TOTAL.	6,414	8.2	70	11.9	17	7.4	46	12.4	530	7.6	31	6.7	107	8.0	1	1.7
INFANT (UNDER 1 YEAR)	127	9.2	1	9.2	-	0.0	2	57.1	9	6.0	1	40.0	1	6.2	-	0.0
ACCIDENTAL.	637	0.8	5	0.8	2	0.9	19	5.1	74	1.1	5	1.1	9	0.7	-	0.0
MOTOR VEHICLE	350	0.4	4	0.7	2	0.9	11	3.0	42	0.6	1	0.2	5	0.4	-	0.0
OTHER ACCIDENTAL.	287	0.4	1	0.2	-	0.0	8	2.2	32	0.5	4	0.9	4	0.3	-	0.0
MARRIAGES	8,195	10.4	67	11.4	34	14.8	44	11.9	766	11.1	31	6.7	172	12.8	7	11.7
MARITAL TERMINATIONS.	5,106	6.5	13	2.2	16	7.0	18	4.9	790	11.4	33	7.2	98	7.3	1	1.7

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 29

SELECTED VITAL STATISTICS FOR 1979

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		PHILLIPS		PONDERA		POWDER RIVER		POWELL		PRAIRIE		RAVALLI		RICHLAND	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION	786,000		5,500		7,100		2,500		7,600		1,900		22,300		11,200	
NATURAL INCREASE	7,586	9.7	54	9.8	78	11.0	28	11.2	32	4.2	7	3.7	125	5.6	192	17.1
LIVE BIRTHS, TOTAL	14,057	17.9	110	20.0	133	18.7	45	18.0	98	12.9	25	13.2	325	14.6	283	25.3
SEX-MALE	7,226	*	51	*	74	*	20	*	50	*	13	*	192	*	156	*
FEMALE	6,831	*	59	*	59	*	25	*	48	*	12	*	133	*	127	*
OUT-OF-WEDLOCK	1,596	113.5	8	72.7	23	172.9	1	22.2	8	81.6	2	80.0	22	67.7	24	84.8
DEATHS (EXCLUDING FETALS), TOTAL	6,471	8.2	56	10.2	55	7.7	17	6.8	66	8.7	18	9.5	200	9.0	91	8.1
SEX-MALE	3,659	*	24	*	37	*	9	*	36	*	10	*	110	*	60	*
FEMALE	2,812	*	32	*	18	*	8	*	30	*	8	*	90	*	31	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR)	151	10.7	2	18.2	1	7.5	1	22.2	-	0.0	-	0.0	2	6.2	1	3.5
NEONATAL (UNDER 28 DAYS)	100	7.1	1	9.1	-	0.0	1	22.2	-	0.0	-	0.0	1	3.1	1	3.5
POSTNEONATAL (28 DAYS-1 YEAR)	51	3.6	1	9.1	1	7.5	-	0.0	-	0.0	-	0.0	1	3.1	-	0.0
FETAL DEATHS	116	8.3	3	27.3	1	7.5	1	22.2	-	0.0	-	0.0	2	6.2	-	0.0
PERINATAL DEATHS	216	15.2	4	35.4	1	7.5	2	43.5	-	0.0	-	0.0	3	9.2	1	3.5
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,302	292.9	17	309.1	14	197.2	6	240.0	26	342.1	11	578.9	74	331.8	26	232.1
CANCER (2)	1,240	157.8	13	236.4	16	225.4	3	120.0	17	223.7	6	315.8	44	197.3	18	160.7
ACCIDENTS (2)	596	75.8	5	90.9	6	84.5	-	0.0	7	92.1	-	0.0	15	67.3	12	107.1
STROKE	588	74.8	4	72.7	4	56.3	3	120.0	1	13.2	-	0.0	24	107.6	9	80.4
CHR. OBST. PULMONARY DISEASES	204	26.0	3	54.5	1	14.1	-	0.0	3	39.5	-	0.0	7	31.4	3	26.8
ARTERIOSCLEROSIS	154	19.6	-	0.0	1	14.1	-	0.0	2	26.3	-	0.0	5	22.4	8	71.4
PNEUMONIA AND INFLUENZA (2)	147	18.7	2	36.4	2	28.2	-	0.0	1	13.2	-	0.0	4	17.9	2	17.9
SUICIDE	123	15.6	1	18.2	-	0.0	1	40.0	-	0.0	-	0.0	4	17.9	1	8.9
DIABETES (2)	94	12.0	-	0.0	2	28.2	-	0.0	1	13.2	1	52.6	4	17.9	3	26.8
PERINATAL PERIOD CONDITIONS	75	9.5	1	18.2	-	0.0	-	0.0	-	0.0	-	0.0	1	4.5	1	8.9
OCCURRENCE																
LIVE BIRTHS, TOTAL	13,800	17.6	57	10.4	110	15.5	-	0.0	88	11.6	3	1.6	229	10.3	239	21.3
DEATHS (EXCLUDING FETALS), TOTAL	6,414	8.2	44	8.0	52	7.3	9	3.6	64	8.4	15	7.9	173	7.8	77	6.9
INFANT (UNDER 1 YEAR)	127	9.2	1	17.5	1	9.1	-	0.0	-	0.0	-	0.0	1	4.4	-	0.0
ACCIDENTAL	637	0.8	6	1.1	8	1.1	2	0.8	6	0.8	1	0.5	13	0.6	9	0.8
MOTOR VEHICLE	350	0.4	6	1.1	6	0.8	1	0.4	4	0.5	1	0.5	4	0.2	6	0.5
OTHER ACCIDENTAL	287	0.4	-	0.0	2	0.3	1	0.4	2	0.3	-	0.0	9	0.4	3	0.3
MARRIAGES	8,195	10.4	61	11.1	56	7.9	13	5.2	55	7.2	6	3.2	217	9.7	140	12.5
MARITAL TERMINATIONS	5,106	6.5	18	3.3	13	1.8	6	2.4	35	4.6	2	1.1	103	4.6	52	4.6

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 29

SELECTED VITAL STATISTICS FOR 1979

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		ROOSEVELT		ROSEBUD		SANDERS		SHERIDAN		SILVER BOW		STILLWATER		SWEET GRASS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION	786,000		10,700		9,700		9,200		5,300		38,400		6,200		3,300	
NATURAL INCREASE	7,586	9.7	147	13.7	156	16.1	92	10.0	47	8.9	46	1.2	41	6.6	29	8.8
LIVE BIRTHS, TOTAL	14,057	17.9	246	23.0	228	23.5	166	18.0	95	17.9	559	14.6	103	16.6	57	17.3
SEX-MALE	7,226	*	125	*	94	*	87	*	52	*	293	*	48	*	34	*
FEMALE	6,831	*	121	*	134	*	79	*	43	*	266	*	55	*	23	*
OUT-OF-WEDLOCK	1,596	113.5	72	292.7	56	245.6	13	78.3	8	84.2	84	150.3	8	77.7	2	35.1
DEATHS (EXCLUDING FETALS), TOTAL	6,471	8.2	99	9.3	72	7.4	74	8.0	48	9.1	513	13.4	62	10.0	28	8.5
SEX-MALE	3,659	*	60	*	43	*	45	*	29	*	283	*	36	*	15	*
FEMALE	2,812	*	39	*	29	*	29	*	19	*	230	*	26	*	13	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR)	151	10.7	3	12.2	6	26.3	2	12.0	1	10.5	5	8.9	1	9.7	-	0.0
NEONATAL (UNDER 28 DAYS)	100	7.1	2	8.1	3	13.2	1	6.0	1	10.5	5	8.9	1	9.7	-	0.0
POSTNEONATAL (28 DAYS-1 YEAR)	51	3.6	1	4.1	3	13.2	1	6.0	-	0.0	-	0.0	-	0.0	-	0.0
FETAL DEATHS	116	8.3	-	0.0	1	4.4	2	12.0	-	0.0	11	19.7	1	9.7	-	0.0
PERINATAL DEATHS	216	15.2	2	8.1	4	17.5	3	17.9	1	10.5	16	28.1	2	19.2	-	0.0
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,302	292.9	38	355.1	16	164.9	19	206.5	12	226.4	198	515.6	17	274.2	11	333.3
CANCER (2)	1,240	157.8	12	112.1	6	61.9	11	119.6	14	264.2	106	276.0	15	241.9	2	60.6
ACCIDENTS (2)	596	75.8	16	149.5	14	144.3	8	87.0	5	94.3	39	101.6	7	112.9	-	0.0
STROKE	588	74.8	3	28.0	5	51.5	13	141.3	2	37.7	47	122.4	5	80.6	8	242.4
CHR. OBST. PULMONARY DISEASES	204	26.0	-	0.0	2	20.6	3	32.6	1	18.9	12	31.2	2	32.3	-	0.0
ARTERIOSCLEROSIS	154	19.6	1	9.3	2	20.6	2	21.7	-	0.0	12	31.2	-	0.0	1	30.3
PNEUMONIA AND INFLUENZA (2)	147	18.7	2	18.7	7	72.2	4	43.5	4	75.5	10	26.0	4	64.5	-	0.0
SUICIDE	123	15.6	-	0.0	2	20.6	2	21.7	1	18.9	7	18.2	1	16.1	1	30.3
DIABETES (2)	94	12.0	2	18.7	2	20.6	-	0.0	-	0.0	5	13.0	4	64.5	-	0.0
PERINATAL PERIOD CONDITIONS	75	9.5	1	9.3	-	0.0	1	10.9	1	18.9	4	10.4	-	0.0	-	0.0
OCCURRENCE																
LIVE BIRTHS, TOTAL	13,800	17.6	240	22.4	6	0.6	84	9.1	84	15.8	703	18.3	119	19.2	42	12.7
DEATHS (EXCLUDING FETALS), TOTAL	6,414	8.2	98	9.2	50	5.2	59	6.4	47	8.9	489	12.7	57	9.2	25	7.6
INFANT (UNDER 1 YEAR)	127	9.2	1	4.2	2	333.3	-	0.0	1	11.9	4	5.7	-	0.0	-	0.0
ACCIDENTAL	637	0.8	17	1.6	10	1.0	11	1.2	4	0.8	35	0.9	9	1.5	-	0.0
MOTOR VEHICLE	350	0.4	8	0.7	7	0.7	7	0.8	1	0.2	12	0.3	7	1.1	-	0.0
OTHER ACCIDENTAL	287	0.4	9	0.8	3	0.3	4	0.4	3	0.6	23	0.6	2	0.3	-	0.0
MARRIAGES	8,195	10.4	107	10.0	78	8.0	77	8.4	56	10.6	363	9.5	43	6.9	36	10.9
MARITAL TERMINATIONS	5,106	6.5	91	8.5	39	4.0	52	5.7	12	2.3	177	4.6	31	5.0	12	3.6

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

TABLE 29

SELECTED VITAL STATISTICS FOR 1979

(SEE INTRODUCTION FOR DEFINITIONS OF RATES)

ITEM	MONTANA		TETON		TOOLE		TREASURE		VALLEY		WHEATLAND		WIBAUX		YELLOWSTONE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
RESIDENCE																
POPULATION.	786,000		7,100		5,200		1,100		11,500		2,500		1,600		105,300	
NATURAL INCREASE.	7,586	9.7	57	8.0	60	11.5	6	5.5	124	10.8	24	9.6	11	6.9	1,185	11.3
LIVE BIRTHS, TOTAL.	14,057	17.9	116	16.3	98	18.8	12	10.9	209	18.2	52	20.8	26	16.2	1,894	18.0
SEX-MALE.	7,226	*	52	*	38	*	7	*	106	*	26	*	17	*	962	*
FEMALE.	6,831	*	64	*	60	*	5	*	103	*	26	*	9	*	932	*
OUT-OF-WEDLOCK.	1,596	113.5	2	17.2	6	61.2	2	166.7	39	186.6	1	19.2	2	76.9	204	107.7
DEATHS (EXCLUDING FETALS), TOTAL.	6,471	8.2	59	8.3	38	7.3	6	5.5	85	7.4	28	11.2	15	9.4	709	6.7
SEX-MALE.	3,659	*	30	*	20	*	3	*	52	*	21	*	9	*	376	*
FEMALE.	2,812	*	29	*	18	*	3	*	33	*	7	*	6	*	333	*
INFANT & FETAL MORTALITY																
INFANT DEATHS (UNDER 1 YEAR). .	151	10.7	-	0.0	2	20.4	1	83.3	-	0.0	2	38.5	1	38.5	20	10.6
NEONATAL (UNDER 28 DAYS). . .	100	7.1	-	0.0	2	20.4	1	83.3	-	0.0	2	38.5	-	0.0	12	6.3
POSTNEONATAL (28 DAYS-1 YEAR)	51	3.6	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	1	38.5	8	4.2
FETAL DEATHS.	116	8.3	-	0.0	-	0.0	-	0.0	1	4.8	1	19.2	-	0.0	12	6.3
PERINATAL DEATHS.	216	15.2	-	0.0	2	20.4	1	83.3	1	4.8	3	56.6	-	0.0	24	12.6
LEADING CAUSES OF DEATH (1)																
HEART DISEASE (2)	2,302	292.9	18	253.5	12	230.8	3	272.7	31	269.6	10	400.0	6	375.0	242	229.8
CANCER (2).	1,240	157.8	13	183.1	10	192.3	-	0.0	11	95.7	6	240.0	3	187.5	147	139.6
ACCIDENTS (2)	596	75.8	5	70.4	2	38.5	1	90.9	9	78.3	-	0.0	1	62.5	46	43.7
STROKE.	588	74.8	6	84.5	3	57.7	-	0.0	6	52.2	4	160.0	2	125.0	79	75.0
CHR. OBST. PULMONARY DISEASES .	204	26.0	4	56.3	-	0.0	-	0.0	5	43.5	-	0.0	-	0.0	23	21.8
ARTERIOSCLEROSIS.	154	19.6	2	28.2	-	0.0	-	0.0	7	60.9	3	120.0	-	0.0	14	13.3
PNEUMONIA AND INFLUENZA (2) . .	147	18.7	1	14.1	1	19.2	-	0.0	4	34.8	-	0.0	-	0.0	16	15.2
SUICIDE	123	15.6	-	0.0	2	38.5	-	0.0	-	0.0	-	0.0	-	0.0	19	18.0
DIABETES (2).	94	12.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	-	0.0	9	8.5
PERINATAL PERIOD CONDITIONS . .	75	9.5	-	0.0	2	38.5	1	90.9	-	0.0	2	80.0	-	0.0	9	8.5
OCCURRENCE																
LIVE BIRTHS, TOTAL.	13,800	17.6	101	14.2	61	11.7	1	0.9	201	17.5	32	12.8	2	1.2	2,229	21.2
DEATHS (EXCLUDING FETALS), TOTAL.	6,414	8.2	42	5.9	25	4.8	3	2.7	75	6.5	27	10.8	10	6.2	874	8.3
INFANT (UNDER 1 YEAR)	127	9.2	-	0.0	-	0.0	-	0.0	1	5.0	-	0.0	1	500.0	34	15.3
ACCIDENTAL.	637	0.8	4	0.6	1	0.2	1	0.9	8	0.7	-	0.0	2	1.2	55	0.5
MOTOR VEHICLE	350	0.4	2	0.3	1	0.2	1	0.9	2	0.2	-	0.0	1	0.6	30	0.3
OTHER ACCIDENTAL.	287	0.4	2	0.3	-	0.0	-	0.0	6	0.5	-	0.0	1	0.6	25	0.2
MARRIAGES	8,195	10.4	81	11.4	51	9.8	7	6.4	91	7.9	21	8.4	11	6.9	1,174	11.1
MARITAL TERMINATIONS.	5,106	6.5	32	4.5	19	3.7	3	2.7	49	4.3	14	5.6	3	1.9	789	7.5

(1) RESIDENT CAUSE-SPECIFIC DEATH RATES ARE SHOWN PER 100,000 POPULATION.
(2) SEE TABLE 12 FOR I.C.D. RUBRICS INCLUDED.
* NOT CALCULATED.

MORBIDITY

TUBERCULOSIS

RUBELLA

MEASLES

WHOOPING COUGH

RHEUMATIC FEVER

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REPORTED CASES OF REPORTABLE DISEASES
MONTANA COUNTIES, 1979
(By place of residence)

COUNTY	ASEPTIC MENINGITIS	BRUCELLOSIS	DIPHTHERIA	ENCEPHALITIS INFECTIOUS	GONORRHEA	HEPATITIS, INFECTIOUS AND SERUM	MEASLES (RUBEOLA)	RUBELLA (GERMAN MEASLES)	MENINGOCOCCAL INFECTIONS	PERTUSSIS (WHOOPING COUGH)	POLIOMYELITIS	RABIES		ROCKY MOUNTAIN SPOTTED FEVER	SALMONELLOSIS		SHIGELLOSIS	SYPHILIS	TETANUS	TRICHINOSIS	TUBERCULOSIS	TULAREMIA
												IN MAN	IN ANIMAL		TYPHOID FEVER	OTHER						
MONTANA TOTAL	34	1	-	3	1,622	186	56	63	15	15	-	-	3	5	-	75	144	6	-	-	32	15
BEAVERHEAD	1	-	-	-	5	4	-	-	-	2	-	-	-	-	-	7	1	-	-	-	5	11
BIG HORN	-	-	-	-	93	4	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-
BLAINE	-	-	-	-	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
BROADWATER	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARBON	-	-	-	-	4	1	-	-	-	-	-	-	-	-	-	4	68	-	-	-	-	-
CARTER	8	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
CASCADE	-	-	-	-	298	22	22	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHOUTEAU	-	-	-	-	1	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CUSTER	-	-	-	-	29	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DANIELS	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	-	-	-	2	-
DAWSON	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	3	-
DEER LODGE	-	-	-	-	4	4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALLON	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	2	-
FERGUS	-	-	-	-	5	1	-	-	-	-	-	-	-	-	-	3	1	-	-	-	2	-
FLATHEAD	-	-	-	-	48	1	-	-	6	-	-	-	-	2	-	-	-	-	-	-	-	-
GALLATIN	4	-	-	-	45	8	-	6	-	-	-	-	-	-	-	8	-	1	-	-	-	-
GARFIELD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLACIER	-	-	-	-	85	22	3	1	2	-	-	-	-	-	-	7	4	-	-	-	5	-
GOLDEN VALLEY	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRANITE	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HILL	10	-	-	-	71	3	1	2	-	-	9	-	-	-	-	1	2	-	-	-	2	-
JEFFERSON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
JUDITH BASIN	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1	5	2	-	-	-	1
LAKE	-	-	-	-	28	4	-	2	-	-	-	-	-	-	-	1	20	1	-	-	-	-
LEWIS & CLARK	-	-	-	-	85	25	-	23	1	-	1	-	-	-	-	-	3	-	-	-	-	-
LIBERTY	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
LINCOLN	-	-	-	-	3	1	-	3	2	-	-	-	-	-	1	-	-	-	-	-	-	1
McCONE	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
MADISON	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEAGHER	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

REPORTED CASES OF REPORTABLE DISEASES
MONTANA COUNTIES, 1979
(By place of residence)

COUNTY	ASEPTIC MENINGITIS	BRUCELLOSIS	DIPHTHERIA	ENCEPHALITIS INFECTIOUS	GONORRHEA	HEPATITIS, INFECTIOUS AND SERUM	MEASLES (RUBEOLA)	RUBELLA (GERMAN MEASLES)	MENINGOCOCCAL INFECTIONS	PERTUSSIS (WHOOPING COUGH)	POLIOMYELITIS	RABIES		ROCKY MOUNTAIN SPOTTED FEVER	SALMONELLOSIS		SHIGELLOSIS	SYPHILIS	TETANUS	TRICHINOSIS	TUBERCULOSIS	TULAREMIA
												IN MAN	IN ANIMAL		TYPHOID FEVER	OTHER						
MINERAL	-	-	-	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MISSOULA	2	-	-	1	235	9	2	9	2	1	-	-	-	-	-	9	2	1	-	-	1	1
MUSSELSHELL	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARK	-	-	-	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PETROLEUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PHILLIPS	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PONDERA	-	-	-	-	5	6	-	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-
POWDER RIVER	2	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POWELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-
PRAIRIE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RAVALLI	-	-	-	-	8	11	-	1	-	-	-	-	1	-	-	3	-	-	-	-	-	-
RICHLAND	-	-	-	-	15	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
ROOSEVELT	-	-	-	-	66	10	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-
ROSEBUD	-	-	-	-	60	-	-	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-
SANDERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
SHERIDAN	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
SILVER BOW	-	-	-	-	53	2	8	1	-	-	-	-	-	-	-	2	1	-	-	-	-	-
STILLWATER	-	-	-	-	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWEET GRASS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TETON	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
TOOLE	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TREASURE	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VALLEY	-	-	-	-	28	-	-	-	-	1	-	-	-	-	-	1	1	-	-	-	-	-
WHEATLAND	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WIBAUX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YELLOWSTONE	6	1	-	1	276	43	-	3	-	-	-	-	-	-	-	20	8	-	-	-	2	-

ADDITIONAL TABULATIONS

As stated in the introduction to this report, the information published here is limited to that felt to be of general interest. Tabulations which are produced on an annual basis, but which are not included in this report are listed below. The list is arranged by type of event and by the amount of geographic detail available.

Tabulations can also be produced to satisfy individual requests. In such instances, the requestor may be asked to reimburse the Bureau for production costs. Uncomplicated tabulations can usually be produced without cost to the requestor. Involved tabulations requiring extensive computer utilization may require reimbursement for programming costs and computer charges. Beyond this, the production of special tabulations is subject to the availability of personnel and must not violate the policy of the Montana Board of Health and Environmental Sciences that all records and information concerning individuals received in the offices of the Department are confidential. This is not usually a concern in reports of a statistical or tabular nature in which identification of the individual does not appear.

BIRTHS

STATE TOTALS ONLY

Live Births By Age of Mother (Births occurring in Montana)
Live Births by Age of Mother (Montana residents)
Live Births by Birth Order (Births occurring in Montana)
Live Births by Birth Order (Montana residents)
Indian Live Births by Age of Mother (Montana residents)
Indian Live Births by Month of Occurrence (Montana residents)
Indian Out-of-Wedlock Births by Age of Mother (Montana residents)
Out-of-Wedlock Births by Age of Mother (Births occurring in Montana)
Out-of-Wedlock Births by Age of Mother (Montana residents)

STATE AND COUNTIES

Live Births by County of Occurrence
Live Births by County of Residence of Mother
Live Births to Residents of Montana Occurring in Other States or Provinces of Canada
Live Births by Month of Occurrence (Montana residents)
Live Births by Sex (Montana residents)
Live Births by Race (Montana residents)
Indian Live Births by County of Occurrence
Indian Live Births by County of Residence of Mother
Indian Live Births to Residents of Montana Occurring in Other States or Provinces of Canada
Indian Live Births by Sex (Montana residents)
Indian Multiple Live Births by Number in Set (Montana residents)

ADDITIONAL TABULATIONS (Continued)

Out-of-Wedlock Births by County of Occurrence
Out-of-Wedlock Births by County of Residence of Mother
Out-of-Wedlock Births to Residents of Montana Occurring in Other States or Provinces of Canada
Out-of-Wedlock Births by Race of Mother (Montana residents)
Multiple Live Births by Number in Set (Montana residents)
Live Births by Number of Prenatal Visits (Montana residents delivered in Montana)
Live Births by Month Prenatal Care Began (Montana residents delivered in Montana)
Live Births by Age of Gestation in Weeks (Montana residents delivered in Montana)
Live Births by Operation for Delivery (Montana residents delivered in Montana)
Live Births with Complications of Pregnancy by Type of Complication (Montana residents delivered in Montana)
Live Births with Complications Not Related to Pregnancy by Type of Complication (Montana residents delivered in Montana)
Live Births with Complications of Labor by Type of Complication (Montana residents delivered in Montana)
Live Births with Congenital Malformations by Type of Malformation (Montana residents delivered in Montana)
Live Births by Prophylaxis Used in Eyes (Montana residents delivered in Montana)

STATE, COUNTIES, AND CITIES

Live Births by Hospital (Births occurring in Montana)
Live Births with Birth Weight under Five Pounds Eight Ounces by Hospital (Births occuring in Montana)
Live Births by City of Residence of Mother (Incorporated cities of 200+)

DEATHS

STATE TOTALS ONLY

Deaths from Selected Causes by Five-Year Age Groups (Montana residents)
Indian Deaths by Month of Occurrence (Montana residents)
Deaths by Cause (Deaths occurring in Montana)
Deaths by Cause (Montana residents dying in other states or provinces of Canada)

STATE AND COUNTIES

Deaths by Month of Occurrence (Montana residents)
Deaths by County of Occurrence
Deaths by County of Residence
Deaths by County of Residence (Montana residents dying in other states or provinces of Canada)
Deaths by Sex (Montana residents)
Deaths by Race (Montana residents)
Deaths by Marital Status (Montana residents)

ADDITIONAL TABULATIONS (Continued)

Deaths from Heart Disease by County of Occurrence
Deaths from Heart Disease by County of Residence
Deaths from Heart Disease by County of Residence (Montana residents dying in other states or provinces of Canada)
Deaths from Cancer by County of Occurrence
Deaths from Cancer by County of Residence
Deaths from Cancer by County of Residence (Montana residents dying in other states or provinces of Canada)
Deaths from Motor Vehicle Accidents by County of Occurrence
Deaths from Motor Vehicle Accidents by County of Residence
Deaths from Motor Vehicle Accidents by County of Residence (Montana residents dying in other states or provinces of Canada)
Indian Deaths by County of Occurrence
Indian Deaths by County of Residence
Indian Deaths by Sex (Montana residents)
Indian Deaths by Marital Status (Montana residents)

STATE, COUNTIES, AND CITIES

Deaths by Hospital (Deaths occurring in Montana)
Deaths by City of Occurrence (Incorporated cities of 200+)
Deaths by City of Residence (Incorporated cities of 200+)

INFANT DEATHS

STATE AND COUNTIES

Infant Deaths by Month of Occurrence (Montana residents)
Infant Deaths by Race (Deaths occurring in Montana)
Infant Deaths by Race (Montana residents)
Infant Deaths by Race (Montana residents dying in other states or provinces of Canada)
Neonatal Deaths by Race (Deaths occurring in Montana)
Neonatal Deaths by Race (Montana residents)
Neonatal Deaths by Race (Montana residents dying in other states or provinces of Canada)
Postneonatal Deaths by Race (Deaths occurring in Montana)
Postneonatal Deaths by Race (Montana residents dying in other states or provinces of Canada)

STATE, COUNTIES, AND CITIES

Infant Deaths by Hospital (Deaths occurring in Montana)
Neonatal Deaths by Hospital (Deaths occurring in Montana)
Postneonatal Deaths by Hospital (Deaths occurring in Montana)

FETAL DEATHS

STATE AND COUNTIES

Fetal Deaths by County of Occurrence
Fetal Deaths by County of Residence of Mother
Fetal Deaths to Mothers Who Were Montana Residents Delivered in Other States or Provinces of Canada
Fetal Deaths by Race (Mothers who were Montana residents)

ADDITIONAL TABULATIONS (Continued)

INDUCED ABORTIONS

STATE TOTALS ONLY

Complications of Abortion by Age of Woman
Complications of Abortions by Gestation Age
Complications of Abortion by Procedure
Induced Abortions by Completed Weeks of Gestation
Induced Abortions by Five-Year Age Group, Race, and Marital Status
Induced Abortions by Marital Status of Woman by Length of Gestation
Induced Abortions by Number of Living Children
Induced Abortions by Single Years of Woman's Age
Induced Abortions by Type of Procedure and Completed Week of Gestation
Induced Abortions by Woman's State of Residence
Induced Abortions by Woman's Total Number of Previous Pregnancies
Number of Previous Abortions by Age Group
Number of Previous Abortions by Marital Status

STATE AND COUNTIES

Induced Abortions by County of Residence

MARRIAGES

STATE TOTALS ONLY

Brides Married in Montana by State of Residence
Grooms Married in Montana by State of Residence
Marriages by Age and Previous Marital Status of Bride
Marriages by Age and Previous Marital Status of Groom

STATE AND COUNTY WHERE SOLEMNIZED

Brides by Race
Grooms by Race
Marriages by Previous Marital Status of Bride
Marriages by Previous Marital Status of Groom
Marriages by Religious Official, Civil Official, or Declaration
Out-of-State Brides and Grooms by County Where Married

MARITAL DISSOLUTION AND INVALID MARRIAGE

STATE TOTALS ONLY

Marital Dissolutions and Invalid Marriages by Age of Husband and Age of Wife
Marital Dissolutions and Invalid Marriages by Duration of Marriage
Marital Dissolutions and Invalid Marriages by Month Granted
Marital Dissolutions and Invalid Marriages by Number of Children Under 18 Years and Families Affected
Marital Dissolutions and Invalid Marriages by Race of Husband and Race of Wife
Marital Dissolutions and Invalid Marriages by State Where Married

This report is published annually by the Bureau of Records and Statistics. Single copies of the current publication are available without charge as long as the supply lasts. Copies of the 1970, 1972, 1974, 1975, 1977, and 1978 reports are still available; however, the reserve copies for 1971, 1973, 1976, and years prior to 1970 have been exhausted. Specific information from any report will be supplied on request. Inquiries should be addressed to the Bureau of Records and Statistics, Montana Department of Health and Environmental Sciences, Helena, Montana 59620.

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